

Building Material

Lowest Prices from Our Factory Direct to You

*This Book brings Lowest Prices
from Our Factory Direct to You
on America's Finest Materials*

HOMES	PLUMBING
GARAGES	HEATING
MILLWORK	HARDWARE
ROOFING	P A I N T
WALLBOARDS	FENCING

*and every needed item for
Building, Repairing and Improving.*

*Sold under our money-back
Guarantee on most liberal
Terms. Free expert building
and engineering Service.*

*Free Delivery by Fast motor
trucks to all points within
35 Miles of Our Plant.*

Phone. Lafayette 1900

Established 1892

HARRIS

HARRIS BROTHERS CO.

-on 35th Street - one block east of Ashland Ave-



14 SALES OFFICES
*in Chicago & Suburbs
-one of them
near Your Home*

America's Building Material Headquarters for Over 35 Years!

Harris 20 year Roofings

Endorsed by Underwriters!

SPARK
PROOF

FIRE
RESISTING

\$4.95

PER
SQUARE

Hexagon Slab Shingles

This slate surfaced shingle forms a beautiful hexagon design. Self spacing. Easiest shingle to lay. Size 10 in. wide x 36 in. long with a wide overlap. Weight per square, 160 lbs. Four colors.

7-A-501 Harris Hexagon Slab Shingles (state color wanted, Red, Green or Blue-black),
per square of 100 sq. ft. **\$4.95**
7-A-504 Harris Hexagon Slab Shingles, *Autumn Blend, per square of 100 sq. ft. **5.30**

Octagon Slab Shingles

\$5.95

PER
SQUARE

Improved 4 in 1 Style

Forms an octagon design and provides a full two layer, slate covered protection over the entire roof with 3 thicknesses at the butt. Size 11 in. x 35½ in. long. Self-spacing. Weight 195 lbs. per square. Four colors.

7-A-601 Harris Octagon Slab Shingles (state color wanted, Red, Green or Blue-black),
per square of 100 sq. ft. **\$5.95**
7-A-604 Harris Octagon Slab Shingles, *Autumn Blend, per square of 100 sq. ft. **6.30**

"Very-Best" Roll Roofing

Harris "Very-Best" roll roofing surfaced with an enduring coat of slate. Spark proof and unaffected by extreme temperature changes. Will not fade. Four colors. Average weight 90 lbs. to a roll of 108 sq. ft., allowing for 2 inch lap for cementing. Galvanized nails and cement for laying are included.
7-A-3144 Harris Slate surfaced roofing, price per roll of 108 sq. ft. (state color wanted, Red, Green or Blue-black) ... **\$2.28**
7-A-3155 Harris Slate surfaced roofing, *Autumn Blend, price per roll of 108 sq. ft. **\$2.45**

\$2.28

PER
ROLL

Please Note:
Other roofing materials and complete line of roofing accessories will be found in the roofing section of this book.

Better Slate Coated Roofings

Harris Superior slate surfaced shingles and roll roofings are built on a foundation of best felt obtainable. Felt is saturated with pure asphalt and best weather-proofing materials known. The top coat of Crushed Slate, in beautiful natural colors strengthens the material and prolongs its life; makes them spark proof and fire resistant. Shingles are quoted per square. A square of shingles will cover 100 sq. ft. of roof surface. Rolls of roofing contain 108 sq. ft. and will cover 100 sq. ft. of roof surface, with the proper allowance for lapping at seams.

One full length continuous strip forms each roll of Roofing

Individual Shingles

Beautiful slate surfaced colored shingles, with every desirable protective feature, assuring long life. Laid 4 inches to the weather and about ½-in. apart; nailed 5 in. from the butt. Weight 240 lbs. per square. Four colors.

7-A-602 Harris slate surfaced Individual Shingles (state color wanted, Red, Green or Blue-black),
per square of 100 sq. ft. **\$6.50**

7-A-614 Harris slate surfaced Individual Shingles, *Autumn Blend, per square of 100 sq. ft. **\$6.85**

\$6.50
PER
SQUARE

4 in 1 Square Butt Slab Shingles

Per Square **\$6.35**

Four-in-one shingles form a beautiful colored roof with the same effect as though covered with single square butt shingles. Made of materials that give your roof superior protection and attractiveness. Self-spacing, size 10 in. x 36 in. long. Weight 195 lbs. per square. Four colors.

7-A-309 Harris square butt, slate surfaced shingles (state color wanted, Red, Green or Blue-black),
per square of 100 sq. ft. **\$6.35**

7-A-304 Harris square butt, slate surfaced shingles, *Autumn Blend, shown on roof above,
per square of 100 sq. ft. **\$6.70**

*NOTE: Autumn blend roofings are coated with harmoniously colored crushed slate which is drifted over the surface to give a polychrome color effect.

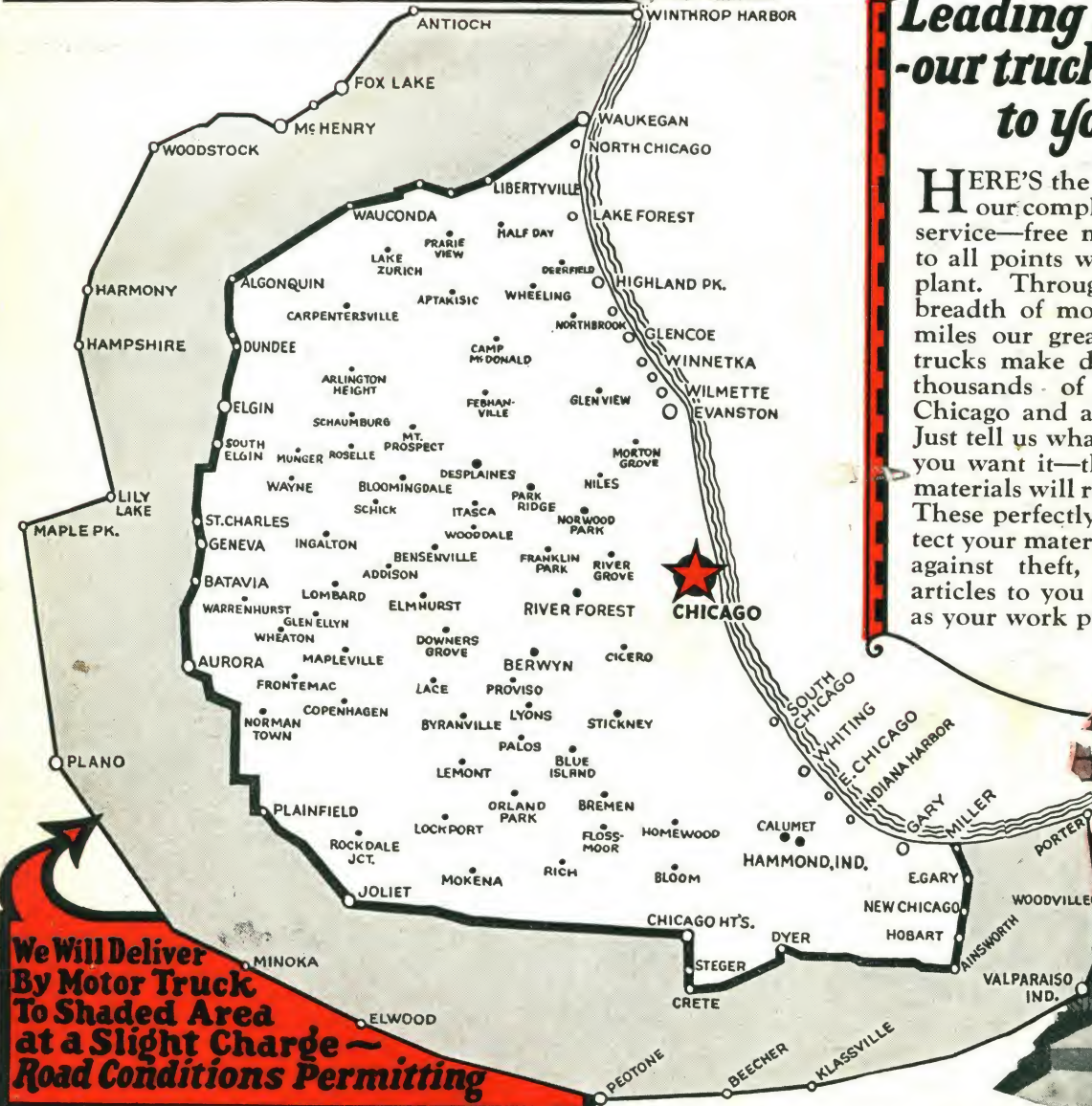
Free MOTOR TRUCK Delivery

TO ALL POINTS
WITHIN
35 Miles
of OUR PLANT



***"If there's a Road
Leading to Your Home
-our trucks will Deliver
to your door!"***

HERE'S the last important step in our complete Building Material service—free motor truck deliveries to all points within 35 miles of our plant. Throughout the length and breadth of more than 2,500 square miles our great fleet of 150 motor trucks make daily deliveries to the thousands of our customers in Chicago and all Suburban districts. Just tell us what you want and when you want it—then rest assured your materials will reach you on schedule. These perfectly timed deliveries protect your materials from weather and against theft, bringing the right articles to you at the right time and as your work progresses.



HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

America's Building

VIEWS OF OUR BIG



A corner in our sash factory where windows and sash of every description are manufactured under our direct supervision.

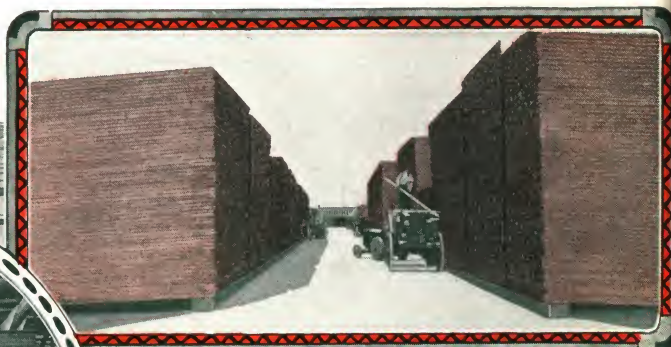


An aisle in our sash and window warehouse where thousands of stock sizes are always ready for quick delivery.

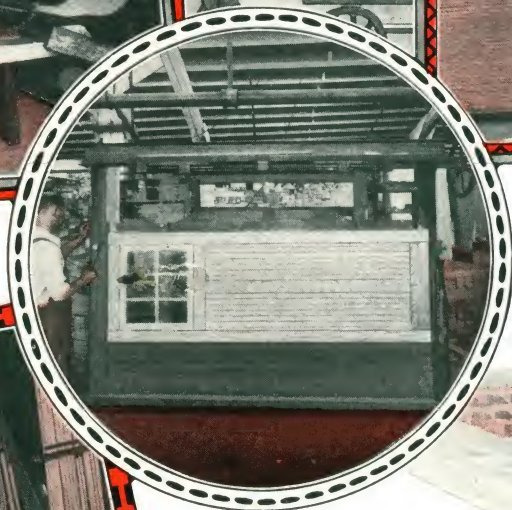


Above—A corner in our screen factory where window screens and doors are manufactured.

Above—a section of our big heating material warehouse where complete heating systems are assembled.



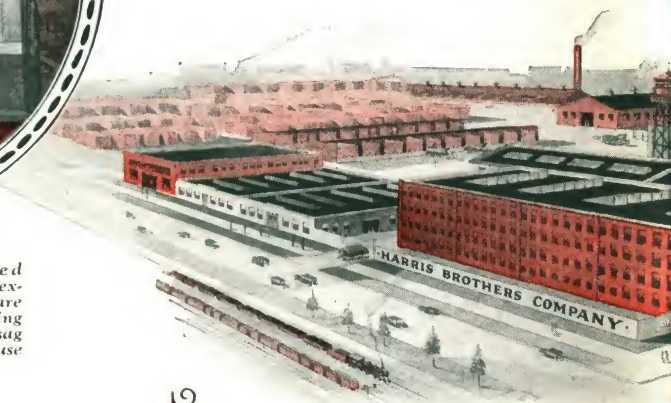
One of the lumber streets in our big material yards where over 10 million feet of finest lumber is stored.



Above—Patented equipment and exclusive methods are employed in making our guaranteed no-sag garage and warehouse doors.



At left—An aisle in our moulding and interior trim warehouse where millions of feet of modern trim stock is stored.



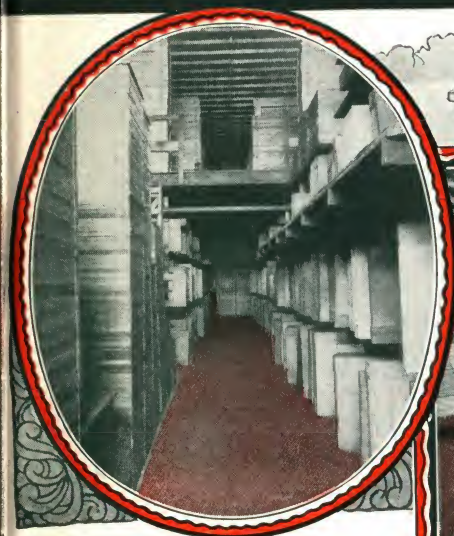
Main Offices

Located at 1349-1525 W. 35th St.—just 2 blocks east of Ashland Avenue, easily reached from all parts of Chicago. Good roads all the way, with plenty of free parking space in our private station and no time limit.

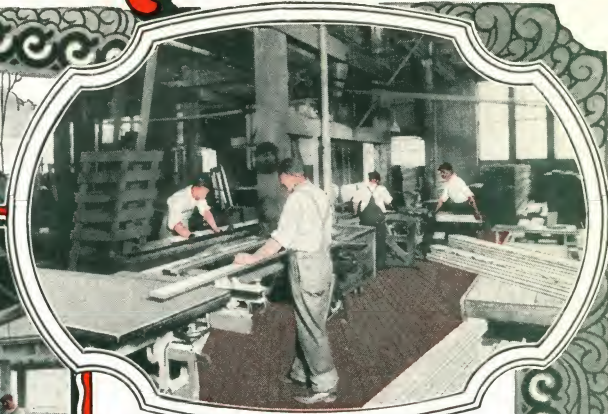
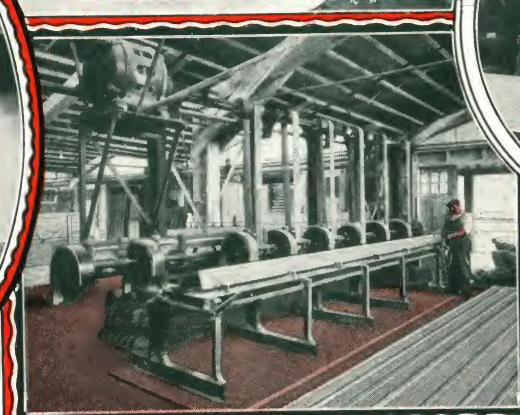
HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Material Headquarters

FACTORIES and STOCKS



Doors in all styles and sizes for every purpose. A glimpse of our big stock.

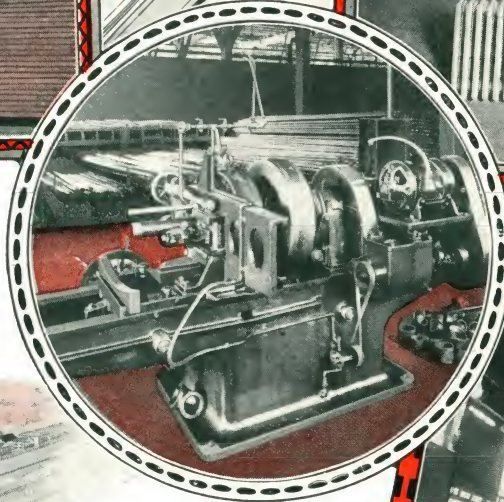


A scene in our splendidly equipped millwork factory where modern machines aid us in bringing low prices to you.

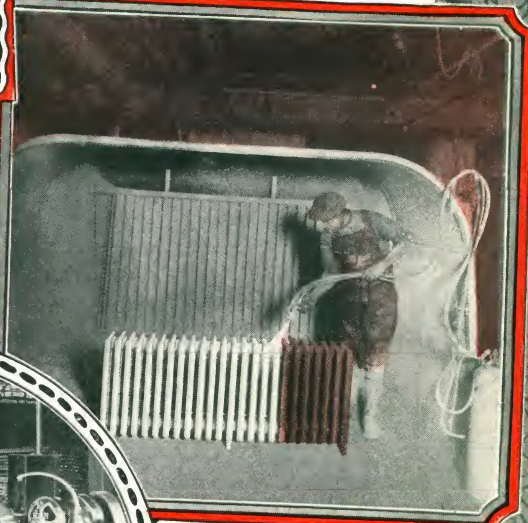


One of our mammoth finished lumber sheds protecting choice woods for Homes, Garages and Millwork.

Above—Patented machinery designed by our own engineers save lumber and labor in preparing materials for Harris buildings.



Above—Latest high speed pipe cutting and threading machines prepare materials for Harris "Perfection" heating systems.



Above—Radiators for our heating systems are beautifully enameled before they are delivered to you.



and Factories

View of our headquarters plant, executive building, sales offices, show rooms, factories and warehouses. The pioneer institution of the Central Manufacturing District, in the heart of greater Chicago.

At right—A corner in our glazing room where your windows, sash and doors are glazed by experts under perfect conditions before delivery to you.



HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

14 Branch Stores - Over 100 Practical Builders and

Free Expert Home & Garage Building Service



Use Our Bureau of Information Freely!

Dealing direct with us means more than just a big money saving. The enormous volume of our business enables us to maintain a bureau of information for those who intend to build. Here you may come and talk over with our experts your particular building problem. With a background of more than 35 years' helpful service to the home owners of the nation, we have collected a priceless store of information. This could only come to us through close association with thousands we have served before you. Under the guidance of our practical men the building of a home or garage becomes a pleasure, free from extras, risk or loss.



These Building Material Experts are waiting

BRANCHES AND SALES OFFICES

Grand Avenue Branch

Located at 3607 West Grand Avenue, at the intersection of Division St. Telephone Belmont 3492.

Forest Park Branch

Located on Madison Street, one block west of Desplaines Avenue in River Forest. Telephone Forest 2211

Des Plaines Branch

Located at 716 Center Street, one-half block south of Main Street. Telephone Desplaines 860.

Berwyn Branch

Located at the Southeast corner of Ogden and Clinton Avenues. Telephone Berwyn 743-R.

Elmhurst Branch

Located at 121 South York Street, near C&NW Station. Telephone Elmhurst 244.

Aurora Branch

Located at 60 South Broadway, one-half block south of Chicago Street. Telephone Aurora 454.

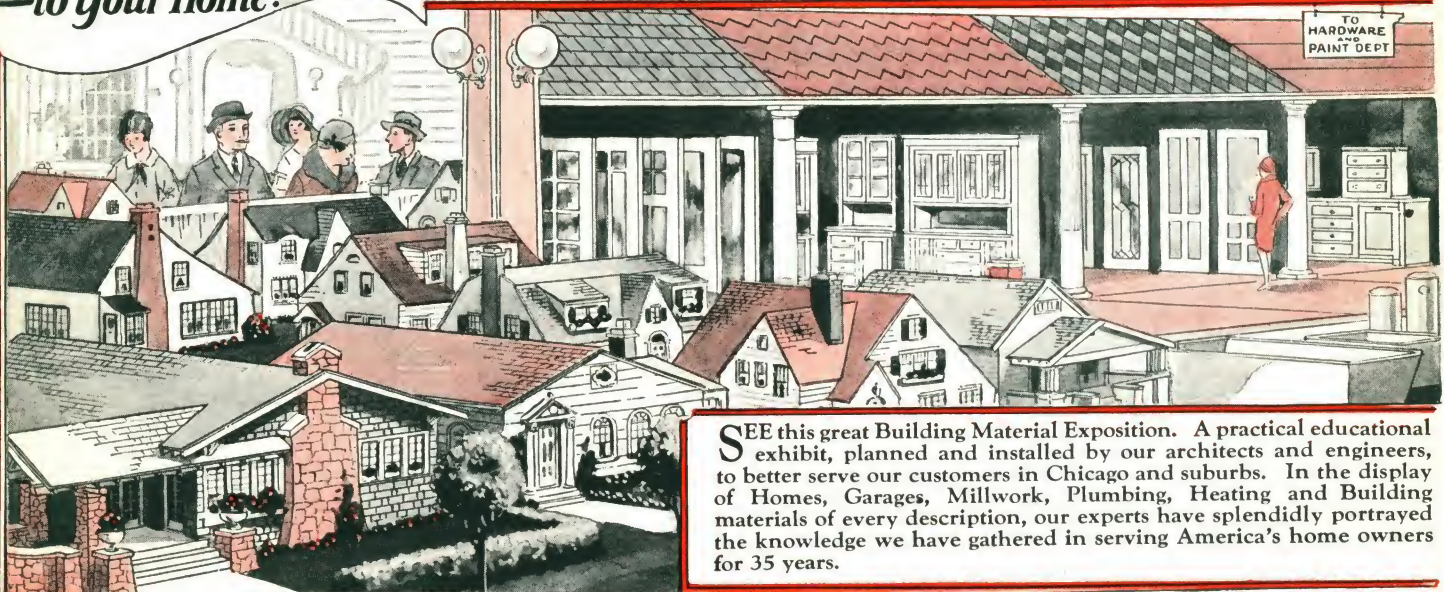
Branch Store Hours

All Branch Stores are open daily from 10:30 A.M. to 9 P.M. and on Sundays, for your convenience, from 2 P.M. to 6 P.M.

Main Plant Showyard

Outside exhibit of Garages and Summer Cottages open daily 8:30 A.M. to 5 P.M. Sundays for your convenience from 2 P.M. to 5 P.M.

OUR YEAR 'ROUND EXHIBIT



SEE this great Building Material Exposition. A practical educational exhibit, planned and installed by our architects and engineers, to better serve our customers in Chicago and suburbs. In the display of Homes, Garages, Millwork, Plumbing, Heating and Building materials of every description, our experts have splendidly portrayed the knowledge we have gathered in serving America's home owners for 35 years.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Expert Material Men Engineers to Serve You!



to help you with all your Building Problems.

ONE OF THEM NEAR YOU!

Lawrence Avenue Branch

Located at 4032 Lawrence, corner Keystone Avenue. Telephone Kildare 9582.

Evanston & North Side Branch

Located at 2047 Howard Avenue, Chicago. 2 Phones Briargate 5126 & University 8950.

South Shore Branch

Located at 8845 South Chicago Avenue, corner Colfax Avenue. Telephone Saginaw 6848.

Chicago Heights Branch

Located at 1540 Halsted Street, near Washington Avenue. Telephone Chicago Heights 3462.

Joliet Branch

Located at 2100 Collins Street, near Jackson Street. Telephone Joliet 5300.

Gary, Indiana, Branch

Located at Broadway, opposite Michigan Central Railway Depot. Telephone Gary 109.

Hammond, Indiana, Branch

Opposite the Indiana Hotel on Plummer Avenue, near Hohman Street. Telephone Hammond 2348.

Branch Store Hours

All Branch Stores are open daily from 10:30 A.M. to 9 P.M. and on Sundays, for your convenience, from 2 P.M. to 6 P.M.

Free Expert Heating & Plumbing Engineering Service



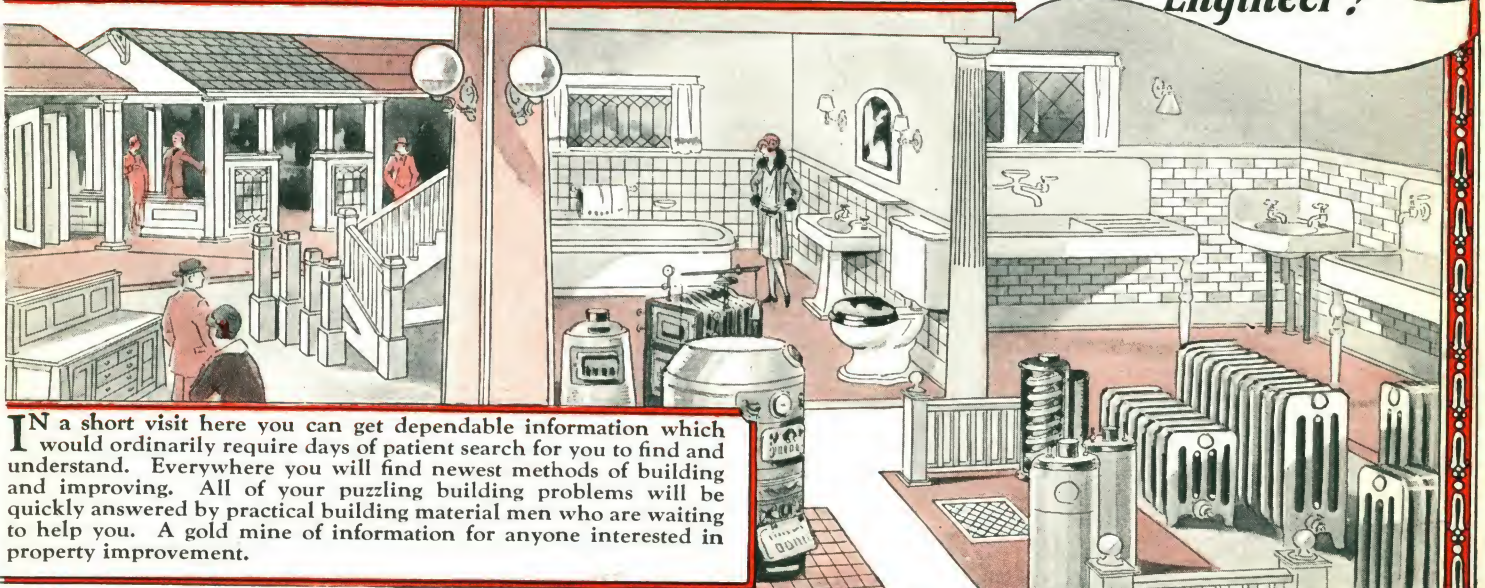
Dependable Advice from Competent Men!

When our Plumbing and Heating Engineers have completed their plans, you may be sure your plumbing and heating system will be modern and efficient. Their specifications will point out the most economical methods of installation and include the right materials in correct quantities for your particular building. A rough pencil sketch showing the size and arrangement of your rooms is all we require to supply you with all details of the completed cost and much valuable technical information. We make no charge for this valuable, helpful service. Buy Harris' Plumbing and Heating, the World's Best, and have it perfectly installed by Harris' methods.



*A Phone Call
brings an Expert
Engineer!*

of BUILDING MATERIAL!



IN a short visit here you can get dependable information which would ordinarily require days of patient search for you to find and understand. Everywhere you will find newest methods of building and improving. All of your puzzling building problems will be quickly answered by practical building material men who are waiting to help you. A gold mine of information for anyone interested in property improvement.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Our Guarantee -

Backed by
35 years of Fair -
Square Dealing!



**Insures
Satisfaction
to Every
Customer**

Harris Bros. Co.,
35th & Iron Sts.,
Chicago, Ill.

Gentlemen:

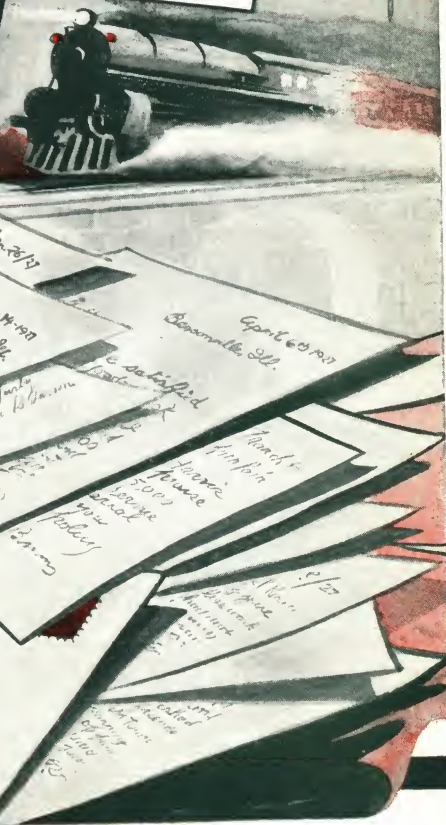
I am enclosing money order in the amount of \$46.80, which covers the balance due on my account with you. Kindly furnish receipt showing payment in full of all accounts to date.

I wish to take this opportunity to express my appreciation and thank you for the accommodations and courtesies extended to me during our dealings. Without your accommodations the building of a home would probably have been impossible; without your courtesies much of the satisfaction derived therefrom would probably have been lost.

Thanking you, I am

Respectfully yours,
Guy L. Deaswood
Guy L. Deaswood

Harris Bros. Co.
and Iron Sts.
Chicago Ill.



Hundreds of Letters like these.

endorse our **EXPERT BUILDING MATERIAL SERVICE**

Norwood Park, Ill.

The House bought from you is finished and will say it is one of the best in the neighborhood. If I was to buy the materials at any place in this part of the city, it would cost me at least \$1000.00 more. Thanks for the prompt delivery.
Paul F. Scholz.
4270 Mobile Ave.

Desplaines, Ill.

Enclosed please find check for \$116.71 balance due on my account. My purchases from your firm have been entirely satisfactory. Your storm windows are also honest goods. A neighbor of mine recently bought from you, a complete outfit for his home, and is delighted with the quality.
(Signed) Frank G. Reiss.
906 Algonquin Road.

Naperville, Ill.

My house is complete and I am more than pleased with it. Want to thank you for helping me through with the deal and the interest you have taken. Will move in Tuesday of this week. Material is first class and the services rendered surely fine.
Frank W. Hume and Wife.
42 E. Benton Ave.

Winnetka

Here is the fourth Harris Home I have completed and want you to know that the materials received, the instructions sent and perfectly timed deliveries saved me from \$800.00 to \$1200.00 on each house constructed.
John Ollin.
Ash and Rosewood Sts.

Oak Park, Ill.

Please find attached check for \$140.00, final payment for the summer cottage recently purchased by me.
I wish to express to your organization my appreciation of the style and material used in our home. Your representative was very courteous and everything was just as he represented it. His untiring efforts in giving us information was very valuable.
Arriving at Cedar Lake we made the acquaintance of your construction crew and found them very efficient workmen.
(Signed) Jas. M. Brooks.
600 N. Taylor Ave.

"Saved \$1,000 on My Harris Home"

"Most Attractive Garage in Town"

"Our Storm Windows Very Satisfactory"

"Heating System a Model of Perfection"

"First Class Material—Home Service Fine"

"Courteous Workmen, All as We Wanted It"

"My Fourth Home—Saved \$800 to \$1,200"

"Thank You for Your Fine Service"

"All as Represented—Your Men Efficient"

"Proud of Our New Enclosed Porch"

W. LaFayette, Ind.

My garage is now completed and everyone says it is the most attractive garage in town. Local carpenters are trying to imitate it. The insulation holds the heat and keeps out the cold. Best of all, the cost of this beautiful structure was very low. My brother wants one next season.
(Signed) Vint Hubler.
235 Wood St.

Chicago

The heating system which I installed in my home has proven itself to be all and more than you claim for it. I left the entire deal in the hands of your Engineering Department, and want you to know that they should be commended for the accuracy and efficiency of this installation. My heating system is a model of finest materials and perfect workmanship. Starting with a big saving on the finished job, and a reduced fuel bill ever since, your easy terms made it easy for me to pay for it.
(Signed) T. Cannon.
4508 Ellis Ave.

Chicago

Herewith find balance due check for \$345.00 at 11224 S. Irving Avenue. As per agreement, I have deducted \$10.00 for making final carrying charge in thirty days. Am well satisfied with the job, and the way it was handled. Your men were courteous and worked without delay; were interested in doing everything right, and as we wanted it done. Thank you.
(Signed) J. W. Greenman.
11124 S. Floyne Ave.

Downers Grove, Ill.

I am obliged to thank you for your service and would recommend your company to anyone in need of building material. Your prices are always lowest on best grades.
(Signed) J. M. Kolar.
132 N. Fairview Ave.

Maywood, Ill.

Mr. Bennett and myself want you to know how pleased we are with the work done, also the fine material you supplied in making a sun parlor out of our front porch. We are more than pleased and we want to specially comment on the work done by your carpenter whom we found to be a most thorough workman and feel we have had a most competent man to give us a beautifully finished room, which we are very proud of and if at any time we desire to make any more improvements on our home we will surely get in touch with your company.
(Signed) Mrs. C. V. Bennett.
607 S. 3rd Ave.



BUILD

IMPROVE

REPAIR

OUR easy monthly payment plan removes the last obstacle in your path to home ownership and all necessary articles of building material you need for repairs and improvements to your property. This liberal buying plan has made it possible for thousands of families to enjoy home comforts and modern conveniences. It has taken them out of the renters' rut and started them on the road to happiness.

We have organized our buyers' service to meet the requirements of everyone. Complete displays of all our products will be found in our main plant Sample Rooms and branch stores. If you find it impossible to come and make personal selections, you may mail or telephone your order. Without obligation, one of our building material experts will call by appointment at your home, at any time convenient to you.

5 An Expert Will Call

Where your building problem involves a home, garage, heating system, porch inclosure or a major improvement, which requires lengthy discussion and planning, simply telephone to our nearest store and an expert will call with complete information.

Fencing, Page 191 | Rain Pipe, Page 98

HOMES		ROOFING		MILL AND CABINET WORK		PAINTS		HEATING	
Item	Page	Item	Page	Item	Page	Item	Page	Item	Page
Dependable Homes.....	82	Prepared Roofing.....	52	Art Glass.....	37	Panel Strips.....	22	Brushes.....	106
Edgemoor Homes.....	79	Rain Pipe.....	53	Book Cases.....	46	Frames, Door.....	24	Paints.....	104
Perfection Homes.....	60	Roofing Accessories.....	54	Breakfast Nooks.....	45	Frames, Window.....	26	Lacquers.....	105
Summer Cottages.....	123	Roll Roofing.....	52	Buffets.....	48	French Doors.....	20	Ladders.....	108
Unit Made Houses.....	123	Shingles.....	54	Building Paper.....	25	French Windows.....	32	Varnish, etc.....	107
HARDWARE		HARDWARE		HARDWARE		HARDWARE		HARDWARE	
Item	Page	Item	Page	Item	Page	Item	Page	Item	Page
Ash Pit Doors.....	93	Nails.....	93, 191	Cabinets.....	45	Garage Doors.....	23	Porch Screens.....	34
Axes.....	197	Picks.....	200	Caps, Columns.....	44	Garage Door Hardware.....	23	Sash.....	28
Barrows, Wheel.....	194	Post Hole Diggers.....	200	Cedar Shingles.....	55	Glass.....	23	Screens.....	31
Bits, all kinds.....	198	Planes.....	197	Ceiling, Wood and Metal.....	56	Hardwood Flooring.....	56	Screen Doors.....	33, 37
Bills and Hits.....	198	Pliers, all kinds.....	198	Chairs.....	56	Shedding Paper.....	25	Shutters.....	32
Builders Hardware.....	85	Rakes.....	195	Closets.....	55	Sidings.....	32	Stairways.....	45
Chisels.....	197	Riveters.....	199	Closet Doors.....	55	Hot Bed Sash.....	57	Storm Doors.....	35
Coal Chutes.....	93	Rope.....	194	Columns.....	44	Ironing Boards.....	45, 51	Storm Sash.....	35
Drawing Knives.....	197	Rules, all kinds.....	199	Columnnades.....	46	Insulating Paper.....	25	Stucco Lath.....	55
Files.....	197	Saws.....	199	Combination Doors.....	33	Interior Trim.....	38, 44	Terrace Doors.....	20
Forks.....	200	Screw Drivers.....	198	Cornice Moulding.....	22	Jams.....	49	Transoms.....	22
Garden Tools.....	195	Seythes.....	194	Cupboard Doors.....	51	Kitchen Cabinets.....	50	Trellis.....	56
Garage Door Hardware.....	23	Shears.....	194	Deadening Felt.....	25	Kitchen Tables.....	51	Trim, Interior.....	38, 42, 44
Gates.....	192	Shovels.....	200	Door Frames.....	12, 51	Lath, all kinds.....	47	Windows.....	56
Hammers.....	197	Sledges.....	200	Doors.....	12, 51	Mantels.....	47	Window Frames.....	26
Hatchets.....	197	Sprayers, Lawn.....	155	Door Trim.....	38	Medicine Cases.....	45	Window Screens.....	34
Hoes.....	195	Squares.....	193	Drawer Cases.....	50	Metal Ceiling.....	55	Wood Trim.....	38
Hose, garden.....	194	Stocks and Dies, pipe.....	173	Drop Sliding.....	55	Outside Moulding.....	9	Wood Shingles.....	55
Lawn Mowers.....	195	Trowels.....	200	Entrances.....	56	Outside Trim.....	56		
Lock Sets.....	195	Try Squares.....	199	Flooring.....	56	Panels.....	56		
Manure Forks.....	195	Wrenches.....	199						
Miter Box.....	196	Wheelbarrows.....	194						

Plasterboard, Page-101 | Wallboard, Page-100 | Electrical Material, Page-94 | Water Systems, Page-172

Attractive Front Entrance



THIS inviting entrance will give your home a touch of friendliness and hospitality. That part of the frame above the door and sidelights, which includes the transom bar and head jamb, is completely assembled and reaches you in one piece. Nail the jambs and sill to the head and the frame is complete. Door, transom and sidelights are more fully described in the following pages of this book.

10-A-365—COLONIAL ENTRANCE
Price includes Door, Sidelights, Transom and Outside Frame. No hardware included.

\$87²⁷

NUMBER	DESCRIPTION	Price, Each
10-A-324	Colonial Door 3'0"x7'0" 1 3/4" W. Pine	\$10.01
10-A-206	Sidelight 1'2"x7'0" —1 3/8" leaded glass	7.28
10-A-407	Transom 6'0"x1'2" —1 3/8" leaded glass	25.20
10-A-360	Outside Frame only for above	37.50

Come to you in natural wood smoothly sanded, ready for paint

DOOR, sidelights and transom are made of the finest Clear White Pine. Sidelights and transom are glazed with clear Leaded Glass in an artistic new shell pattern as illustrated. Frame is made of Clear Douglas Fir, known for its weather resisting qualities. Outside casings are 1 1/8 inches thick. Other parts are in correct proportion for wood buildings with 2x4 studs.

Modern Front Entrance



One Sidelight Entrance

10-A-484. Clear Fir Outside Frame Only for door and one sidelight. 10½-inch jamb for 13-inch brick wall. Carefully machined, ready to set up. **\$11.88**

When ordering, specify whether sidelight is to be on right hand or left hand side when facing building.

10-A-366 "NORTH SHORE" FRONT ENTRANCE
Price includes Door, Sidelights, and Outside Frame—No Hardware included

\$37⁶⁵

THE importance of harmony in the entrance cannot be emphasized too strongly, as the entire home is dominated by its appearance. Sidelights help wonderfully to brighten the entrance and give additional light in the vestibule or hallway. Where space is limited one sidelight can be used with entrance door to very good effect.

Door and Sidelights are made from clear White Pine. Sidelights are glazed with first quality, clear plain glass held in place with wood stops.

FRAME is made from clear Douglas Fir, carefully machined, ready to nail together. Frame has a 10½-inch jamb for a 13-inch brick wall. We will set up frame and nail together for two dollars extra. For Front Entrance Frames for wood buildings see next page.

NUMBER	ARTICLE	Price, Each
10-A-324	Colonial Door 3'0"x7'0"—1¾" W. Pine	\$10.01
10-A-204	Sidelight 1'2"x7'0"—1¾" Clear Glass	5.81
10-A-464	Outside Frame only for Brick	16.02

Come to you in natural wood smoothly sanded, ready for paint

Inviting Front Entrance



10-A-4090—"ENGLEWOOD" FRONT ENTRANCE

Price includes White Pine Door, Sidelights, Glazed Beveled Plate and Outside Frame—No Hardware included.

\$82⁹³

Frame is made from clear Douglas Fir, carefully machined, ready to nail together. Frame has $1\frac{1}{8}$ -inch thick outside casing, other members in proper proportion for wood buildings with 2x4 studs. We will set up frame and nail together for two dollars extra. **Be sure to state wood wanted.**

THE beauty of any home is enhanced by this impressive entrance. This beautiful design will appear to advantage with any style of home. Each part is of finest materials, very durably made and will retain its attractiveness over a long period of time. This door and sidelight can also be had glazed with clear plain glass. Other doors and sidelights can be used in this frame.

Doors and sidelights can be had of finest Clear White Pine or Red Oak. All doors assembled with a special waterproof glue. Glass set with wood stops. For Front Entrance frames for brick buildings see opposite page.

NUMBER	DESCRIPTION—SIZE	Price White Pine	Price Red Oak
10-A-8170	Door 3'0"x7'0"— $1\frac{3}{4}$ " W. Pine Bev. Plate	\$31.31	\$33.42
10-A-4060	Sidelight 1'2"x7'0"— $1\frac{3}{4}$ " W. Pine Bev. Plate	18.43	23.43
10-A-460	Fir Outside Frame only for Wood	14.76	14.76
10-A-4100	Front Entrance, same size with Red Oak Door and Sidelights, Glazed Bevel Plate and Fir Outside Frame.	\$95.04	



One Sidelight Entrance

10-A-484. Clear Fir Outside Frame Only for door and one sidelight. $1\frac{1}{8}$ -inch thick outside casing, other members in proper proportion for wood buildings with 2x4 studs. Carefully machined, ready to set up. **\$10.71**

When ordering, specify whether sidelight is to be on right hand or left hand side when facing building.

Oak and Birch Entrance Doors!

Distinctively modern front doors. The finest veneered hardwood doors made, specially selected for beauty of grain and is very attractive when varnished or stained.

NOTE:

All doors come to you in the natural wood; smoothly sanded and ready for paint, enamel, stain or varnish.

Added Beauty for Your Home

Our high standard of materials and workmanship make these doors desirable for the finest home. Veneered construction is the best for hardwood doors. Special waterproof glue used. Glazed with finest Beveled Plate Glass or first quality Clear Plain Glass. Wood stops used to hold glass in place. Carefully shipped to reach you in perfect condition. Glass sizes in "Dickens" Door same as "American Beauty" Door. Average shipping weight of these doors 110 lbs.

Dickens

SIZES 1 1/4 Inches Thick		Red Oak		Northern Birch	
Width Ft. In.	Height Ft. In.	10A156 Glazed Clear Glass	10A1560 Glazed Beveled Plate	10A157 Glazed Clear Glass	10A1570 Glazed Beveled Plate
2-8	6-8	\$14.35	\$27.29	\$12.64	\$25.70
3-0	6-8	15.37	33.75	13.50	31.88
3-0	7-0	15.88	36.00	13.96	33.98

Shakespeare

SIZES 1 1/4 Inches Thick		Red Oak		Glass Sizes in Inches
Width Ft. In.	Height Ft. In.	10A217 Glazed Clear Glass	10A2170 Glazed Beveled Plate	
2-8	6-8	\$16.98	\$31.10	22x56
3-0	6-8	17.95	32.40	26x56
3-0	7-0	18.56	33.42	26x60



Mozart



Keystone



American Beauty

SIZES 1 1/4 Inches Thick		Red Oak		Northern Birch		Glass Sizes in Inches
Width Ft. In.	Height Ft. In.	10A264 Glazed Clear Glass	10A2640 Glazed Beveled Plate	10A740 Glazed Clear Glass	10A7400 Glazed Beveled Plate	
2-8	6-8	\$11.77	\$19.97	\$ 9.72	\$17.92	22x40
3-0	6-8	13.48	23.60	10.96	21.23	26x40
3-0	7-0	13.88	24.63	11.36	22.26	26x44

SIZES 1 1/4 Inches Thick		Red Oak		Northern Birch		Glass Sizes in Inches
Width Ft. In.	Height Ft. In.	10A447 Glazed Clear Glass	10A4470 Glazed Beveled Plate	10A449 Glazed Clear Glass	10A4490 Glazed Beveled Plate	
2-8	6-8	\$14.46	\$18.00	\$11.71	\$15.25	22x18
3-0	6-8	15.92	19.46	13.10	16.66	26x18
3-0	7-0	16.32	20.26	13.42	17.36	26x18

SIZES 1 1/4 Inches Thick		Red Oak		Northern Birch		Glass Sizes in Inches
Width Ft. In.	Height Ft. In.	10A100 Glazed Clear Glass	10A1000 Glazed Beveled Plate	10A251 Glazed Clear Glass	10A2510 Glazed Beveled Plate	
2-8	6-8	\$11.94	\$23.35	\$ 9.85	\$21.15	22x56
3-0	6-8	13.35	26.39	10.64	23.88	26x56
3-0	7-0	13.97	27.83	11.26	25.32	26x60

Finest White Pine Entrance Doors!

The choice of discriminating buyers. Our White Pine Doors are famous for their architectural beauty, long service and easy working qualities.

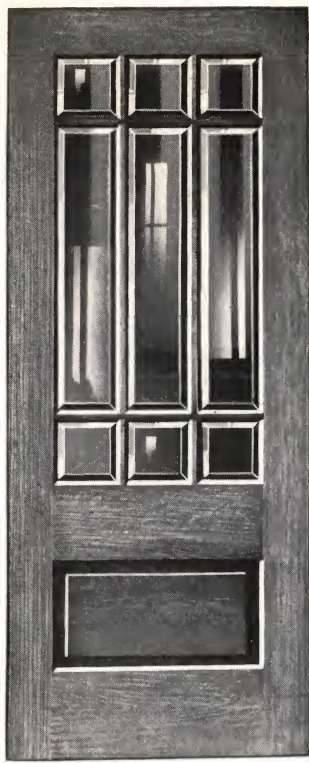
NOTE:

All doors come to you in the natural wood; smoothly sanded and ready for paint, enamel, stain or varnish.



Unusually Well Constructed

The Front Entrance is the "first impression" of your home. These distinctive designs are widely used in the finest homes, being attractive yet very durable. Only the choicest white pine lumber is used in manufacturing these doors. Workmanship is the very best. Finest Beveled Plate Glass or Clear Plain Glass. Wood Glass stops. Waterproof glue. Average shipping weight 80 lbs.



Pansy

SIZES 1 1/4 Inches Thick		10A523 Glazed Clear Glass	10A5230 Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-8	6-8	\$8.16 *	\$19.02 *	22x46
2-10	6-10	8.66 *	20.28 *	24x48
3-0	7-0	9.17 *	23.64 *	26x50



Beverly

SIZES 1 1/4 Inches Thick		10A130 Glazed Clear Glass	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.		
2-8	6-8	\$13.30	22x11
3-0	6-8	13.90	26x13
3-0	7-0	14.44	26x13



Honeysuckle

SIZES 1 1/4 Inches Thick		10A215 Glazed Clear Glass	10A2150 Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$6.32	\$16.73	20x54
2-8	6-8	7.70 *	19.29 *	22x56
2-10	6-10	7.70 *	21.74 *	24x58
2-8	7-0	7.65 *	20.00 *	22x60
3-0	7-0	7.84 *	23.47 *	26x60



Lilac

SIZES 1 1/4 Inches Thick		10A408 Glazed Clear Glass	10A4080 Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$5.51	\$14.02	20x44
2-8	6-8	5.81 *	15.96 *	22x46
2-10	6-10	6.25 *	17.41 *	24x48
3-0	7-0	6.72 *	19.88 *	26x50



Belmont

SIZES 1 1/4 Inches Thick		10A624 Glazed Clear Glass	10A6240 Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$7.45	\$19.73	20x54
2-8	6-8	7.58 *	19.85 *	22x56
2-10	6-10	8.25 *	21.08 *	24x58
2-8	7-0	8.17 *	21.02 *	22x60
3-0	7-0	8.48 *	24.53 *	26x60

★Indicates doors which can be furnished 1 1/4 in. thick at \$2.00 extra

Bungalow Designs in Fir Doors!

These splendid Bungalow designs find great favor with many builders and are widely used with modern homes of every type. Every piece of material in these doors has been carefully picked for grain and color. Their modern design and superior construction insure best service over a long period of time.

NOTE:

All doors come to you in the natural wood; smoothly sanded and ready for paint, enamel, stain or varnish.

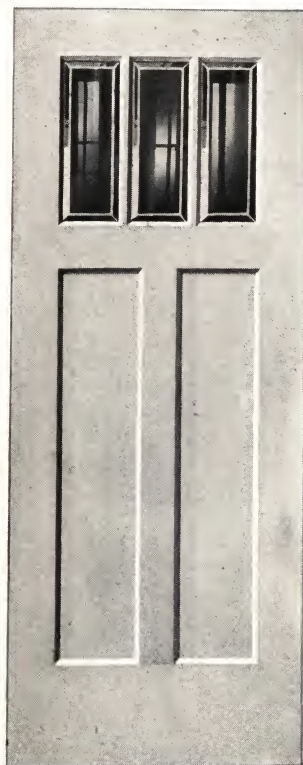
Montesano

SIZES			10-A-640	10-A-6400	Glass
Width	Height	Thick-	Glazed	Glazed	Sizes
Ft. In.	Ft. In.	ness, In.	Clear	Beveled	in
			Glass	Plate	Inches
2-8	6-8	1 3/4	\$4.75	\$ 8.75	22x22
2-8	7-0	1 3/8	5.08	9.07	22x22
2-8	6-8	1 3/4	5.94	9.94	22x22
3-0	6-8	1 3/4	6.41	11.03	26x22
2-8	7-0	1 3/4	6.19	10.33	22x22
3-0	7-0	1 3/4	6.86	11.98	26x22

Finest Doors Made

Carefully made from best materials. Beautiful, three-ply laminated panels with solid stiles and rails. Glazed with first quality Clear Plain Glass, or finest Beveled Plate Glass; held in place with wood glass stops. Waterproof glue.

Average shipping weight of doors on this page, 85 pounds.



Aberdeen

SIZES			10-A-644	10-A-6440	Glass
Width	Height	Thick-	Glazed	Glazed	Sizes
Ft. In.	Ft. In.	ness, In.	Clear	Beveled	in
			Glass	Plate	Inches
2-8	6-8	1 3/8	\$5.50	\$ 9.98	22x17 3/4
2-8	6-8	1 3/4	6.75	10.17	22x17 3/4
2-10	6-8	1 3/4	7.02	10.96	24x17 3/4
2-10	6-10	1 3/4	7.36	11.30	24x17 3/4
3-0	7-0	1 3/4	7.72	11.86	26x17 3/4



Westwood

SIZES			10-A-646	10-A-6460	Glass
Width	Height	Thick-	Glazed	Glazed	Sizes
Ft. In.	Ft. In.	ness, In.	Clear	Beveled	in
			Glass	Plate	Inches
2-8	6-8	1 3/8	\$7.13	\$11.90	22x22
2-8	7-0	1 3/8	7.40	12.29	22x22
2-8	6-8	1 3/4	8.26	13.95	22x22
3-0	6-8	1 3/4	8.73	14.74	26x22
2-8	7-0	1 3/4	8.76	13.48	22x22
3-0	7-0	1 3/4	9.18	15.19	26x22



Columbia

SIZES			10-A-393	10-A-3930	Glass
Width	Height	Thick-	Glazed	Glazed	Sizes
Ft. In.	Ft. In.	ness, In.	Clear	Beveled	in
			Glass	Plate	Inches
2-8	6-8	1 3/8	\$6.10	\$11.00	22x22
2-8	7-0	1 3/8	6.43	11.32	22x22
2-8	6-8	1 3/4	7.29	12.29	26x22
3-0	6-8	1 3/4	7.76	13.46	22x22
2-8	7-0	1 3/4	7.69	12.58	26x22
3-0	7-0	1 3/4	8.21	13.91	22x22

Modern Designs in Fir Doors!

Admirers of beautiful front entrances will quickly see the possibilities of the doors shown here. Numerous and varied designs make it easy to choose from our large stocks. Every door is carefully packed and guaranteed to reach you in perfect condition. Adaptable to any desired finish.

NOTE:

All doors come to you in the natural wood; smoothly sanded and ready for paint, enamel, stain or varnish.



Exclusive Construction Features

Extreme care is used in the manufacture of these Clear Fir Doors. They are glazed with first quality Clear Plain Glass or finest Beveled Plate Glass. Wood glass stops are used to hold glass in place. Waterproof glue.

The natural grain of Fir is especially pleasing when stained.

Adams

SIZES 1 3/4 Inches Thick		10-A-176 Glazed Clear Glass	Glass Sizes in Inches	OUTSIDE FRAMES SEGMENT HEAD K. D.	
Width Ft. In.	Height Ft. In.			10-A-199 For Wood Building	10-A-198 For Brick Building
2- 8	6- 8	\$10.53	22x33	\$8.25	\$8.55
3- 0	6- 8	11.12	26x33	8.50	8.80
3- 0	7- 0	11.68	26x37	8.65	8.95



California



Washington



Oregon

SIZES 1 3/4 Inches Thick		10-A-696 Glazed Clear Glass	10-A-696F Glazed Florentine Glass	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2- 6	6- 6	\$4.73	\$5.32	21 1/2x32
2- 8	6- 8	5.13	5.79	23 1/2x34
2-10	6-10	5.74	6.46	25 1/2x36
2- 8	7- 0	5.62	6.29	23 1/2x38
3- 0	7- 0	6.14	6.95	27 1/2x38

SIZES 1 3/4 Inches Thick		10-A-378 Glazed Clear Glass	10-A-378O Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2- 8	6- 8	\$6.97	\$19.53	22x56
3- 0	7- 0	8.38	24.01	26x60

For this style of door in clear white pine see our "Honey-suckle" design on page 13

SIZES 1 3/4 Inches Thick		10-A-381 Glazed Clear Glass	10-A-381O Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2- 6	6- 6	\$4.88	\$12.76	21 1/2x38
2- 8	6- 8	5.30	14.44	23 1/2x40
2-10	6-10	5.88	16.43	25 1/2x42
2- 8	7- 0	5.76	16.26	23 1/2x44
3- 0	7- 0	6.49	18.55	27 1/2x44

Standard Designs in Splendid Clear White Pine



This type of door is especially suitable for grade and rear entrances. Skilled workmanship and durability being the keynote of construction. Each door carefully packed.

NOTE:

All doors come to you in the natural wood, smoothly sanded and ready for paint, enamel, stain or varnish.

Most Desirable Styles

These doors will please you. Only clear lumber, free from blemishes is used in their construction. Glazed with first quality Clear Plain Glass, Beveled Plate Glass or Florentine Glass. Florentine is the most popular design of frosted glass. Used where both light and privacy is desired. Glass held in place by wood stops.

Average shipping weight of these doors, 75 lbs.

Iris

SIZES 1 3/4 Inches Thick		10A627 Glazed Clear Glass	10A6270 Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-8	6-8	\$5.44 *	\$14.11 *	23 1/2 x 36
2-10	6-10	\$5.93 *	\$15.77 *	25 1/2 x 38
3-0	7-0	\$6.46 *	\$18.39 *	27 1/2 x 40

*Indicates doors which can be furnished 1 3/4 in. thick at \$2.00 extra.

Golden Glow

SIZES 1 3/4 Inches Thick		10A333 Glazed Clear Glass	10A333F Glazed Florentine Glass	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$5.20	\$5.76	21 1/2 x 28
2-8	6-8	\$5.55 *	\$6.13 *	23 1/2 x 30
2-10	6-8	\$5.73 *	\$6.43 *	25 1/2 x 30
2-10	6-10	\$5.95 *	\$6.63 *	25 1/2 x 32
2-8	7-0	\$6.05 *	\$6.60 *	23 1/2 x 34
3-0	7-0	\$6.44 *	\$7.14 *	27 1/2 x 34



Aster

SIZES 1 3/4 Inches Thick		10A328 Glazed Clear Glass	10A328F Glazed Florentine Glass	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$6.04	\$6.63	21 1/2 x 28
2-8	6-8	\$6.30 *	\$6.95 *	23 1/2 x 30
2-10	6-8	\$6.68 *	\$7.43 *	25 1/2 x 30
2-10	6-10	\$6.88 *	\$7.63 *	25 1/2 x 32
2-8	7-0	\$6.72 *	\$7.44 *	23 1/2 x 34
3-0	7-0	\$7.12 *	\$8.02 *	27 1/2 x 34



Tulip

SIZES 1 3/4 Inches Thick		10A40 Glazed Clear Glass	10A40F Glazed Florentine Glass	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$5.09	\$5.57	21 1/2 x 32
2-8	6-8	\$5.34	\$6.00	23 1/2 x 32
3-0	7-0	\$6.20	\$7.11	27 1/2 x 38



Mignonette

SIZES 1 3/4 Inches Thick		10A32 Glazed Clear Glass	10A32F Glazed Florentine Glass	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.			
2-6	6-6	\$5.32	\$5.79	21 1/2 x 24
2-8	6-8	\$5.58	\$6.16	23 1/2 x 26

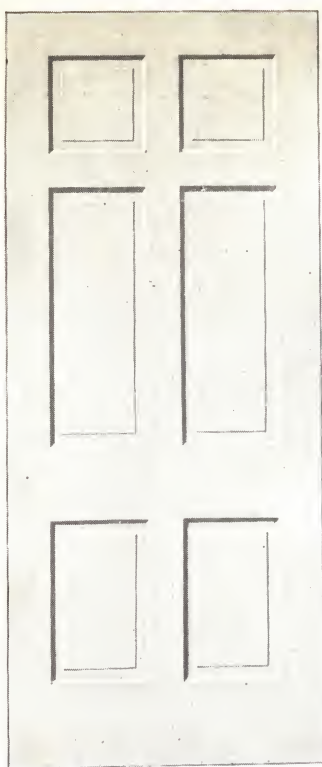
Doors on this page marked with * can be furnished in 1 3/4 inch thickness at \$2.00 each extra

A Correct Door for every style of Architecture

It should be easy for you to select doors that will match the architecture of your home from our very complete line. White Pine Doors such as these will give long years of service.

NOTE:

All doors come to you in the natural wood, smoothly sanded and ready for paint, enamel, stain or varnish.



Colonial

This door, although primarily designed and used for front entrances, is being extensively used for inside doors. Stock sizes for immediate delivery listed below; all special sizes made in our own factory at moderate prices.

Note: These doors are 1 3/4 inches thick.

SIZES				10A324 1 $\frac{3}{4}$ Inches Thick
WIDTH		HEIGHT		
Feet	Inches	Feet	Inches	
2	8	6	8	\$ 8.77 9.32 10.01
3	0	6	8	
3	0	7	0	

Doors of Good Taste

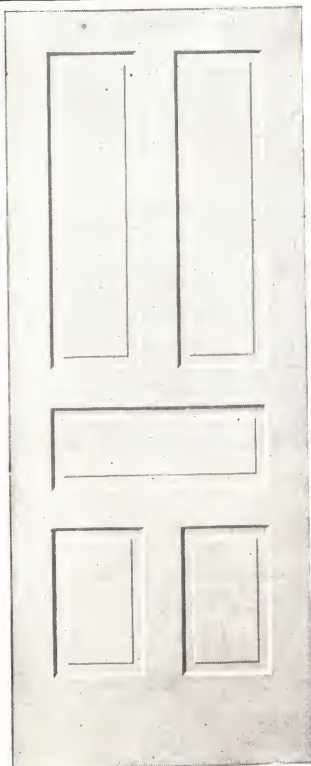
Much of the beauty and comfort of a home is reflected in its doors. These doors are very desirable, being of sturdy construction and design, perfect workmanship and made from strictly A No. 1 White Pine lumber. White Pine Doors, because of their uniform texture, take paint, enamel or varnish equally well. Average shipping weight of these doors 40 lbs.



Peony

SIZES 1 3/4 Inches Thick				10A445 Glazed Clear Glass	10A445 Glazed Beveled Plate	Glass Sizes in Inches
Width Ft. In.	Height Ft. In.	Width Ft. In.	Height Ft. In.			
2-6	6-6			\$5.53	\$8.86	20x18
2-8	6-8			\$5.90 *	\$9.63 *	22x18
2-8	7-0			\$6.39 *	\$10.12 *	22x18
3-0	7-0			\$6.77 *	\$11.27 *	26x18

* Indicates doors which can be furnished 1 3/4 in. thick, at \$2.00 extra.



Five Regular Panel

SIZES				10A57 1 3/4 Inches Thick
Width Ft. In.	Height Ft. In.	Width Ft. In.	Height Ft. In.	
2-0	6-0			\$3.60
2-0	6-6			\$4.16
2-6	6-6			\$4.37
2-0	6-8			\$3.84
2-6	6-8			\$4.43
2-8	6-8			\$4.63
2-0	7-0			\$4.16
2-6	7-0			\$4.78
2-8	7-0			\$4.98
3-0	7-0			\$5.43



Five Cross Panel

SIZES				10A59 1 3/4 Inches Thick	Continued		10A59 1 3/4 Inches Thick
Width Ft. In.	Height Ft. In.	Width Ft. In.	Height Ft. In.		Width Ft. In.	Height Ft. In.	
2-0	6-0			\$3.29	2-8	6-8	\$4.24 *
2-0	6-6			\$3.46	2-10	6-8	\$4.40 *
2-4	6-6			\$3.81	2-10	6-10	\$4.70 *
2-6	6-6			\$3.99	2-0	7-0	\$3.81
2-0	6-8			\$3.51	2-4	7-0	\$4.19
2-4	6-8			\$3.89	2-6	7-0	\$4.38
2-6	6-8			\$4.05	2-8	7-0	\$4.56 *
(Continued in next Column)					3-0	7-0	\$4.97 *

* Indicates doors which can be furnished 1 3/4 in. thick at \$2.00 extra.



Four Regular Panel

SIZES				10A56 1 3/4 Inches Thick
Width Ft. In.	Height Ft. In.	Width Ft. In.	Height Ft. In.	
2-0	6-0			\$3.61
2-0	6-6			\$4.17
2-6	6-6			\$4.38
2-0	6-8			\$3.85
2-6	6-8			\$4.44
2-8	6-8			\$4.64
2-0	7-0			\$4.17
2-6	7-0			\$4.79
2-8	7-0			\$4.99
3-0	7-0			\$5.44

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Interior Doors Made of Choicest

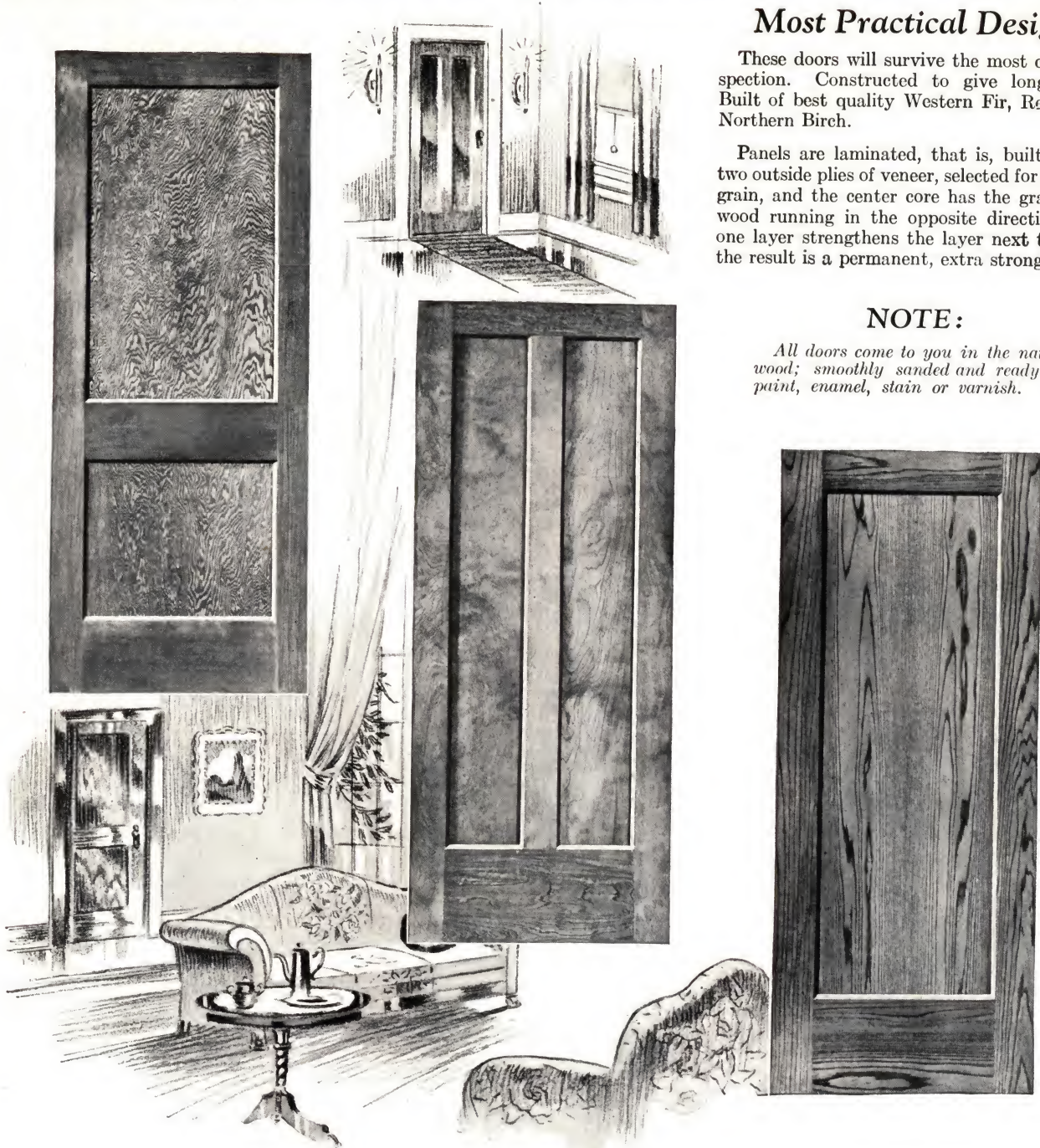
Most Practical Designs

These doors will survive the most critical inspection. Constructed to give long service. Built of best quality Western Fir, Red Oak or Northern Birch.

Panels are laminated, that is, built up from two outside plies of veneer, selected for beauty of grain, and the center core has the grain of the wood running in the opposite direction: thus one layer strengthens the layer next to it, and the result is a permanent, extra strong panel.

NOTE:

All doors come to you in the natural wood; smoothly sanded and ready for paint, enamel, stain or varnish.



Two Regular Panel

SIZES See Note		FIR 10A326 1 3/4 Inches Thick	OAK 10A9 1 3/4 Inches Thick	BIRCH 10A10 1 3/4 Inches Thick
Width Ft. In.	Height Ft. In.			
2-0	6-0	\$3.05	\$11.00*	\$ 8.40*
2-4	6-0	3.53		
2-6	6-6	3.20	11.25*	8.60*
2-8	6-6	3.52	11.48*	8.70*
2-10	6-6	3.52	11.80*	9.00*
2-12	6-6	3.85	12.20*	9.30*
2-0	6-8			
2-4	6-8	3.25	8.53	6.26
2-6	6-8	3.59	11.55*	8.84*
2-8	6-8	3.55	8.96*	8.58*
2-10	6-8	4.08	9.60*	8.80*
2-12	6-8		10.06	9.06
2-0	7-0	3.53	9.25	6.80
2-4	7-0	3.87	12.51*	9.57*
2-6	7-0	3.88	9.67*	7.11
2-8	7-0	4.33	10.32	7.33
2-10	7-0	4.50	14.90*	11.42*

Two Vertical Panel

SIZES See Note		FIR 10A1921 1 3/4 Inches Thick	OAK 10A11 1 3/4 Inches Thick	BIRCH 10A12 1 3/4 Inches Thick
Width Ft. In.	Height Ft. In.			
2-0	6-8	\$3.84	\$ 9.93	\$7.46
2-4	6-8	4.25	10.40	7.81
2-6	6-8	4.43	10.70	8.05
2-8	6-8	4.63	11.10	8.32
2-0	7-0	4.16	10.71	8.05
2-4	7-0	4.57	11.17	8.38
2-6	7-0	4.78	11.49	8.62
2-8	7-0	4.99	11.88	8.90

*A Word About Sizes

You will save money by using our stock size doors. Where prices have been omitted sizes are not carried in stock. Where prices on this page only are followed by * allow one week extra time for delivery. If you require special sizes write us. Priced very low.

One Regular Panel

SIZES See Note		FIR 10A327 1 3/4 Inches Thick	OAK 10A335 1 3/4 Inches Thick	BIRCH 10A336 1 3/4 Inches Thick
Width Ft. In.	Height Ft. In.			
2-0	6-0	\$3.42	\$14.22*	\$11.47*
2-4	6-6	3.58		
2-6	6-6	3.95		
2-8	6-6	4.14	15.42*	12.37*
2-0	6-8	3.64	10.97	8.72
2-4	6-8	4.03	11.51	9.04
2-6	6-8	4.20	11.80	9.27
2-8	6-8	4.40	12.16	9.52
2-0	7-0	3.95	11.80	9.27
2-4	7-0	4.34	12.22	9.57
2-6	7-0	4.54	12.51	9.79
2-8	7-0	4.73	12.87	10.05
3-0	7-0	5.15	18.12*	14.49*

For One Panel Doors with Subframes see our "De Luxe" Door on the next page.

Clear Fir-Oak-Birch and White Pine

Doors for Every Purpose

The natural beautiful grained wood of these doors emphasizes their practical design and they will appear to advantage with any kind of wood-work.

Our Fir and White Pine Doors have solid stiles and rails. Birch and Oak Doors are of veneer construction, which is the best for hardwood doors. Waterproof glue is used. Made with utmost care. All doors carefully shipped and guaranteed to reach you in perfect condition. Average shipping weight, 40 lbs.

NOTE:

All doors come to you in the natural wood; smoothly sanded and ready for paint, enamel, stain or varnish.



Five Cross Panel

SIZES See Note		FIR 10A325 1 3/8 Inches Thick	WHITE PINE 10A59 1 3/8 Inches Thick
Width Ft. In.	Height Ft. In.		
2-0	6-0	\$3.04	\$3.29
2-8	6-0	3.67	
2-0	6-6	3.10	3.46
2-2	6-6	3.24	
2-4	6-6	3.52	3.81
2-6	6-6	3.69	3.99
2-8	6-6	3.84	
2-0	6-8	3.24	3.51
2-2	6-8	3.58	
2-4	6-8	3.59	3.89
2-6	6-8	3.75	4.05
2-8	6-8	3.92	4.24
2-10	6-8	4.07	4.40
2-0	7-0	3.52	3.81
2-2	7-0	3.86	
2-4	7-0	3.87	4.19
2-6	7-0	4.04	4.38
2-8	7-0	4.22	4.56
3-0	7-0	4.59	4.97

Rainier

SIZES See Note		FIR 10A1917 1 3/8 Inches Thick
Width Ft. In.	Height Ft. In.	
2-0	6-8	\$3.71
2-4	6-8	4.10
2-6	6-8	4.28
2-8	6-8	4.48
2-0	7-0	4.01
2-4	7-0	4.42
2-6	7-0	4.62
2-8	7-0	4.83

A Word About Sizes

You will save money by using our stock size doors. Where prices have been omitted sizes are not carried in stock. If you require special sizes write us. For other designs and sizes in Clear White Pine Panel Doors, see page 17. All doors on this page carried in stock ready for immediate delivery.

De Luxe

SIZES See Note		OAK 10A425 1 3/8 Inches Thick	BIRCH 10A0426 1 3/8 Inches Thick
Width Ft. In.	Height Ft. In.		
2-0	6-8	\$ 9.87	\$ 7.95
2-2	6-8	10.20	8.18
2-4	6-8	10.47	8.40
2-6	6-8	10.80	8.70
2-8	6-8	11.20	9.23
2-0	7-0	11.13	9.05
2-2	7-0	11.47	9.53
2-4	7-0	11.80	9.75
2-6	7-0	12.12	10.13
2-8	7-0	12.47	10.50
2-10	7-0	12.80	10.80
Following Sizes 1 3/4 Inches Thick			
2-8	6-8	\$13.27	\$11.33
3-0	6-8	14.00	12.08
2-8	7-0	14.27	12.45
2-10	7-0	14.60	12.83
3-0	7-0	14.93	14.25



**Finest Oak
and
Birch**

Beautiful French

Improve your home with French Doors. Plenty of sunshine and air make a clean and healthful home. These doors are ideal for the Living Room, Library, Dining Room, or Sun Porch, for interior and exterior use. French doors can be purchased singly, or in pairs; single doors furnished at one-half price of pair. Average shipping weight 65 lbs. per door.

All doors shipped in the natural wood, smoothly sanded and ready for finishing



Ten Light French Doors

**Price per Pair Including Astragal*
Glazed Clear Plain Glass**

SIZES Per Pair		FIR 10-A-110	WHITE PINE 10-A-310	WHITE PINE 10-A-310	OAK 10-A-210	BIRCH 10-A-710
Width Ft. In.	Height Ft. In.	1 1/4 Inches Thick	1 1/4 Inches Thick	1 1/4 Inches Thick	1 1/4 Inches Thick	1 1/4 Inches Thick
3-8	6-8		\$11.63			
4-0	6-8	\$ 9.95	11.98	\$15.91	\$25.97	\$21.58
4-8	6-8		12.05			
5-0	6-8	11.16	12.55	16.83	27.67	22.97
5-4	6-8	12.07	13.42	17.59	29.02	24.14
3-8	7-0		12.28			
4-0	7-0	10.76	12.53	16.80	27.31	22.59
4-8	7-0		13.47			
5-0	7-0	12.19	13.87	18.36	29.64	24.55
5-4	7-0	12.38	13.90	18.48	30.17	25.09
6-0	7-0		14.91	19.56		

**Price per Pair Including Astragal*
Glazed Beveled Plate Glass**

SIZES Per Pair		FIR 10-A-1100	WHITE PINE 10-A-3100	WHITE PINE 10-A-3100	OAK 10-A-2100	BIRCH 10-A-7100
Width Ft. In.	Height Ft. In.	1 1/4 Inches Thick	1 1/4 Inches Thick	1 1/4 Inches Thick	1 1/4 Inches Thick	1 1/4 Inches Thick
3-8	6-8		\$30.18			
4-0	6-8	\$27.85	30.88	\$34.81	\$44.87	\$40.48
4-8	6-8		36.37			
5-0	6-8	34.88	36.27	40.45	51.39	46.69
5-4	6-8	36.09	37.44	41.61	53.04	48.16
3-8	7-0		30.52			
4-0	7-0	30.55	31.32	35.59	46.10	41.38
4-8	7-0		36.89			
5-0	7-0	36.21	37.89	42.38	53.69	48.57
5-4	7-0	36.41	37.93	42.51	54.20	49.12
6-0	7-0		41.65	46.30		

Single Doors or 1/2 Pair Furnished at 1/2 Price of Pair

*Astragals are flat moulded wood strips used to cover joint in center where doors meet.



Virginia

SIZES		Price	Each	WHITE	PINE
Width Ft. In.	Height Ft. In.		Thick- ness Inches	10-A-310 Glazed Clear Glass	10-A-03100 Glazed Beveled Plate
2-6	6-8		1 1/4	\$6.28	\$18.14
2-8	6-8		1 1/4	6.71	18.72
2-6	7-0		1 1/4	6.94	18.95
2-8	7-0		1 1/4	6.95	18.97
3-0	7-0		1 1/4	7.46	20.83
2-6	6-8		1 1/4	8.42	20.43
2-8	6-8		1 1/4	8.80	20.81
2-6	7-0		1 1/4	9.18	21.19
2-8	7-0		1 1/4	9.24	21.26
3-0	7-0		1 1/4	9.78	23.15



Carolina

SIZES		Price	Each	WHITE	PINE
Width Ft. In.	Height Ft. In.		Thick- ness Inches	10-A-309 Glazed Clear Glass	10-A-3090 Glazed Beveled Plate
2-6	6-8		1 1/4	\$ 7.18	\$26.47
2-8	6-8		1 1/4	7.62	27.85
2-6	7-0		1 1/4	7.83	29.76
2-8	7-0		1 1/4	7.86	30.97
3-0	7-0		1 1/4	8.70	32.09
2-6	6-8		1 1/4	9.21	28.50
2-8	6-8		1 1/4	9.65	29.88
2-6	7-0		1 1/4	10.02	31.95
2-8	7-0		1 1/4	10.10	32.23
3-0	7-0		1 1/4	10.95	33.61



Bevel and Beautifully Made

Full length doors glazed with the finest quality, beveled or plain plate mirrors. The advantage of a full length mirror, for that last minute inspection, is appreciated by everyone.

Indispensable for use in Bed Room or Dressing Room. Can be placed on either side of door depending on the most advantageous light. Many use them in the Hall or Living Room where they add greatly to the appearances of the room.

We can furnish "Fullview" Mirror Doors in Oak, Birch or Fir, and in any style of door. Prices on next page are for reverse side of door like our Two Regular Panel design shown on page 18. Carefully packed and guaranteed to reach you in perfect condition. Average shipped weight 100 lbs.

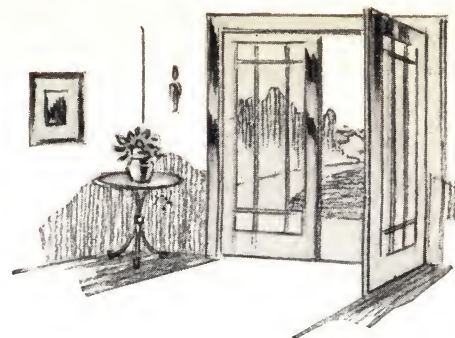
and Terrace Doors

Our French and Terrace Doors are made of carefully selected materials, and the workmanship is the very best. Fir and White Pine doors have solid stiles and rails, Oak and Birch doors are veneer construction which is the best for hardwood doors.

Glazed with first quality Clear Plain Glass, or finest Beveled Plate Glass. Glass held in place with wood stops.

All doors shipped in the natural wood, smoothly sanded ready for finishing.

White Pine
and
Fir



Maryland

Georgia

SIZES			WHITE PINE	
Width Ft. In.	Height Ft. In.	Thick- ness Inches	10A312 Glazed Clear Glass	10A3120 Glazed Beveled Plate
2-8	6-8	1 3/4	\$ 7.21	\$21.16
2-8	7-0	1 3/4	7.47	21.42
3-0	7-0	1 3/4	7.93	23.01
2-8	6-8	1 3/4	9.71	23.66
2-8	7-0	1 3/4	10.22	24.17
3-0	7-0	1 3/4	10.72	25.80

SIZES			WHITE PINE	
Width Ft. In.	Height Ft. In.	Thick- ness Inches	10A315 Glazed Clear Glass	10A3150 Glazed Beveled Plate
2-6	6-8	1 3/4	\$ 7.56	\$20.63
2-8	6-8	1 3/4	7.78	22.30
2-8	7-0	1 3/4	8.04	22.54
3-0	7-0	1 3/4	8.24	24.43
2-8	6-8	1 3/4	9.94	24.25
2-10	6-8	1 3/4	10.02	24.82
3-0	6-8	1 3/4	10.20	26.19
2-8	7-0	1 3/4	10.38	26.64
3-0	7-0	1 3/4	10.62	26.57

Special sizes in French and Terrace Doors made to order quickly and at low prices.



Marginal Light French Doors

Price per Pair Including Astragal*
Glazed Clear Plain Glass

SIZES Per Pair		FIR	WHITE PINE	WHITE PINE	OAK
Width Ft. In.	Height Ft. In.	10A109 1 3/4 Inches Thick	10A309 1 3/4 Inches Thick	10A309 1 3/4 Inches Thick	10A209 1 3/4 Inches Thick
4-0	6-8	\$12.31	\$13.15	\$17.06	\$27.10
5-0	6-8	13.82	14.35	18.41	29.26
5-4	6-8	14.79	15.72	20.19	37.76
4-0	7-0	14.23	15.31	19.49	29.88
5-0	7-0	14.88	15.65	20.04	31.18
5-4	7-0	15.10	15.72	20.19	37.76
6-0	7-0		14.40	21.94	

Plain Plate Mirror Doors of Guaranteed Quality Materials

Price of "Fullview" Mirror Doors

SIZES 1 3/4 Inches Thick		Approx. Size of Plate Mirror Inches	RED OAK		NORTHERN BIRCH		FIR	
Width Ft. In.	Height Ft. In.		10A289 Plain Plate Mirror	10A290 Bevel Plate Mirror	10A291 Plain Plate Mirror	10A292 Bevel Plate Mirror	10A293 Plain Plate Mirror	10A294 Bevel Plate Mirror
2-0	6-6	16x66	.....	.....	.....	.....	\$19.86	\$24.06
2-2	6-6	18x66	.....	.....	.....	.....	21.82	26.25
2-4	6-6	20x66	.....	.....	.....	.....	23.47	28.11
2-6	6-6	22x66	.....	.....	.....	.....	26.69	31.54
2-0	6-8	16x68	\$26.13	\$30.56	\$23.80	\$28.23	20.30	24.73
2-2	6-8	18x68	.....	.....	.....	.....	22.35	26.99
2-4	6-8	20x68	29.94	34.79	27.49	32.34	24.03	28.88
2-6	6-8	22x68	33.41	38.48	30.87	35.95	27.32	32.29
2-8	6-8	24x68	35.09	40.39	32.46	37.77	28.81	34.01
2-0	7-0	16x72	27.70	32.55	25.17	30.01	21.39	26.23
2-2	7-0	18x72	.....	.....	.....	.....	23.52	28.60
2-4	7-0	20x72	31.71	37.00	29.07	34.35	25.31	30.59
2-6	7-0	22x72	35.96	41.46	32.25	38.75	29.42	34.91
2-8	7-0	24x72	37.64	43.37	34.84	40.57	30.91	36.63

For "Fullview" Mirror Doors with one panel on reverse side add to above prices 50c for Fir and \$2.50 for Oak or Birch. When ordered this way Fir doors will be 1 3/4 inches thick and Oak and Birch doors will be 1 3/4 inches thick.

Price per Pair Including Astragal*
Glazed Beveled Plate Glass

SIZES Per Pair		FIR	WHITE PINE	WHITE PINE	OAK
Width Ft. In.	Height Ft. In.	10A1090 1 3/4 Inches Thick	10A3090 1 3/4 Inches Thick	10A3090 1 3/4 Inches Thick	10A2090 1 3/4 Inches Thick
4-0	6-8	\$42.94	\$43.78	\$47.69	\$57.73
5-0	6-8	52.41	52.94	57.00	62.85
5-4	6-8	55.25	55.70	59.76	71.09
4-0	7-0	48.39	49.47	53.65	64.04
5-0	7-0	58.74	59.51	63.90	75.04
5-4	7-0	61.32	61.94	66.44	83.98
6-0	7-0		64.18	67.72	

*Astragals are flat moulded wood strips used to cover joint in center where doors meet.

Doors not priced not carried in stock.

Special sizes made to order at slightly advanced prices.
Single doors or 1/2 pair furnished at 1/2 price of pair.

Sidelights AND Transoms

Please Read!

Made from "A quality" clear soft pine, and clear red oak. Glass in sidelight set with wood stops.

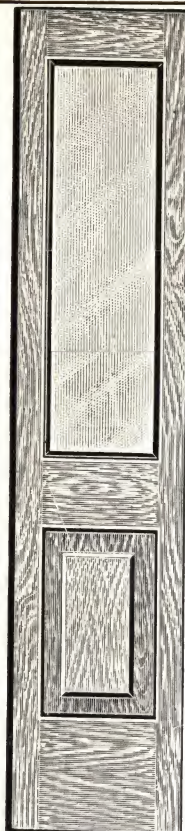
Sidelight No. 10-H-205 can be furnished with leaded glass like No. 10-H-209. We also furnish sidelight No. 10-H-209 glazed plain (not leaded).

White Pine 1 3/4 inches thick
Oak 1 3/4 inches thick

Number	Wood	Glazing	Size	Price
10-A-205	White Pine	Plain Glass	1- 2x6- 8	\$3.62
			1- 2x7- 0	3.81
		Like No. 10-A-209	1- 2x6- 8	5.90
			1- 2x7- 0	6.35
10-A-209	White Pine	Plain Glass	1- 2x6- 8	3.93
			1- 2x7- 0	4.14
		Leaded as Shown	1- 2x6- 8	7.12
			1- 2x7- 0	7.58
10-A-403	Red Oak	Plain Glass	1- 2x6- 8	12.30
			1- 2x7- 0	12.79
		Beveled Plate	1- 2x6- 8	18.50
			1- 2x7- 0	19.71
10-A-405	Red Oak	Plain Glass	1- 2x6- 8	13.56
			1- 2x7- 0	14.23
		Beveled Plate	1- 2x6- 8	22.84
			1- 2x7- 0	23.43

Sidelight No. 10-A-405 furnished in white pine 1 3/4 thick to match Whittier door at \$5.00 less than oak price.

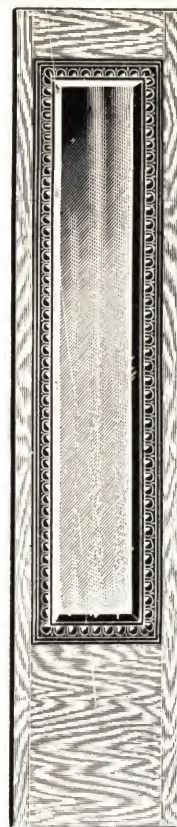
Sidelights can be furnished to match Virginia, Carolina and Maryland Doors. Write for prices.



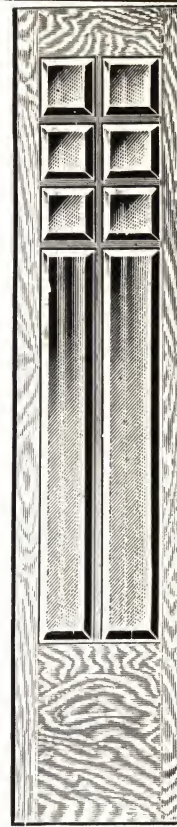
10-A-205



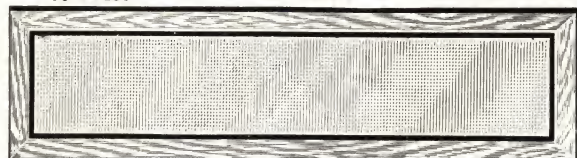
10-A-209



10-A-403



10-A-405



Transom No. 10-A-401

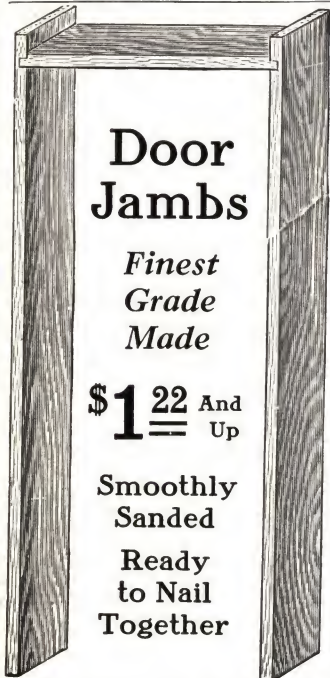


Transom No. 10-A-407

Made to Order
1 3/4-Inch Thick
Any size up to and including

4 ft. 6 in. wide, up to 1 ft. 6 in. high.....
4 ft. 8 in. wide, up to 1 ft. 6 in. high.....
6 ft. 0 in. wide, up to 1 ft. 6 in. high.....
6 ft. 4 in. wide, up to 1 ft. 6 in. high.....

10-A-401				10-A-407			
White Pine		Oak or Birch		White Pine		White Pine	
Glazed 1 Light	Glazed 2 Lights	Glazed 1 Light	Glazed 2 Lights	Glazed Leaded	Glazed 2 Lights	Glazed 1 Light	Glazed 2 Lights
\$2.38	\$2.54	\$4.57	\$4.68	\$18.99	\$18.99	\$13.32	\$13.32
2.43	2.78	4.67	4.88	19.53	19.53	13.60	13.60
4.78	5.47	7.40	5.60	25.20	25.20	19.20	19.20
5.69	6.47	8.38	5.74	28.18	28.18	22.51	22.51



Door Jambs

*Finest
Grade
Made*

\$1.22 And
Up

Smoothly
Sanded
Ready
to Nail
Together

Inside Door and Cased Opening Jambs

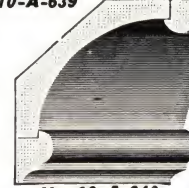
Perfectly Machined and Cut to Fit

These Jambs are 3/4x5/4 inches wide for standard 2x4 stud construction, plaster and lath. Cut smooth and true, clear face stock. Side Jambs dadoed or grooved out for heads. Heads cut square and straight. Smoothly sanded and ready to nail together. Prices do not include door stops, which are priced on page 38. Stops are needed only where doors are to be hung. Intermediate sizes furnished at price of next larger size listed.

Any Size up to and Including Width Ht. ft. in. ft. in.	10-A-101 Yellow Pine Price Per Set	10-A-102 Fir Price Per Set	10-A-602 Red Oak Price Per Set	10-A-104 Birch Price Per Set
2-8 x 6-8	\$1.22	\$1.32	\$2.07	\$2.41
3-0 x 7-0	1.37	1.47	2.32	2.70
5-0 x 7-0	1.58	1.71	2.69	3.12
8-0 x 8-0	1.95	2.09	3.30	3.83
9-0 x 9-0	2.16	2.33	3.66	4.26

Special sizes of all kinds made to order. Intermediate sizes furnished at price of next larger size listed. Jambs for plasterboard walls usually 4 3/8 inches wide, furnished at same price as above. However, be sure that you specify for plasterboard walls and give finished width desired. Jambs for 2x6 studding, not exceeding 7 1/2 inches wide, 50%, or one-half more than above prices.

No.
10-A-639



No. 10-A-649

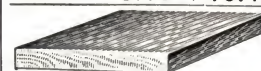


No. 10-A-8264

Combination Cornice and Picture Moulding

This four member interior cornice trim will add greatly to the finished appearance of any room. Cove moulding is 5 inches wide, ceiling and wall moulding, 1 1/2 x 3/4 inches, picture moulding, 3/4 x 1 1/4 inches. Each member priced separate. Price per 100 lineal feet.

Wood Clear Grade	10-A-649 Ceiling or Wall Moulding	10-A-639 Cove Moulding	10-A-8264 Picture Moulding
Y. Pine..	\$1.70	\$9.00	\$1.80
Fir.....	1.80	9.55	1.90
Red Oak..	2.85	15.00	3.00
Birch....	3.15	16.40	3.30



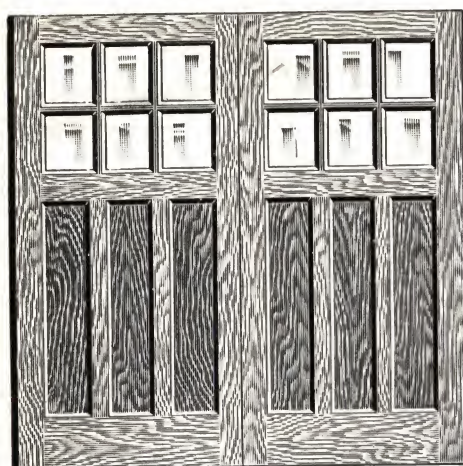
PANEL STRIPS

A Neat Panel Strip 3/8x2 1/2 inches. Prices are per lineal foot.

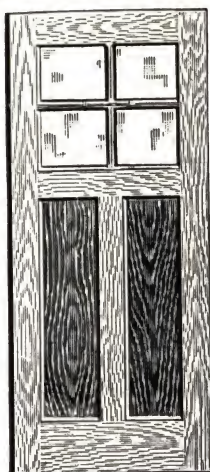
Clear Yellow Pine.....	3c
Clear Fir.....	4c
Clear Red Oak.....	6c
Clear Birch.....	7c

For additional Panel Strips see page 42.

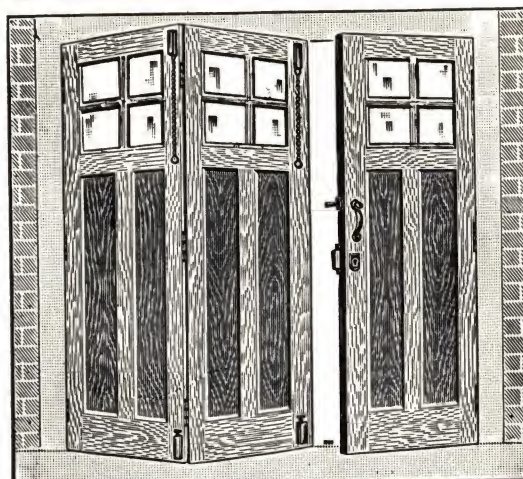
GARAGE AND WAREHOUSE DOORS



ASHLAND



ATLAS



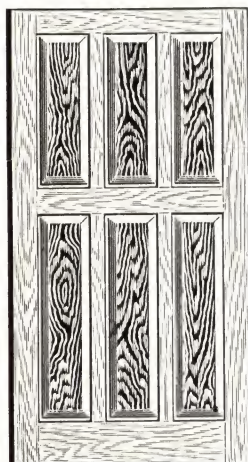
Triple Combination of ATLAS DOORS

Our Garage and Warehouse Doors are made of Clear Kiln Dried Fir. The stiles and rails of the doors are mortised and pinned, which construction gives you a more durable door. The panels are extra heavy, being set into the grooves of the stiles and rails by means of special machinery, making it practically impossible for the panel to warp or check. Water-proof glue is used on all our doors. In offering you these doors it is our intention to give you the best value obtainable for the money, and we must ask that you do not confuse these doors with the so-called "just-as-good-makes." Remember, our doors are made of Fir, of mortised and pinned construction, glass set with wood stops and equipped with durable panels—four distinct and essential features necessary to make a good garage or warehouse door. Hardware not included.

ASHLAND DOOR

ATLAS DOOR

Catalog Number	Size of each door			2 doors will fill opening	Price, per pair glazed 2 doors	Shipping Weight Per Pair	Catalog Number	Size of each door			3 doors will fill opening	Price, per Set glazed 3 doors	Shipping Weight Per Set
	Width	Height	Thickness					Width	Height	Thickness			
10-A-502	4 Ft.	8 Ft.	1 3/4 inches	8'x8'	\$13.85	210 lbs.	10-A-1445	2' 8"	8' 0"	1 3/4 inches	8'0"x8'0"	\$14.55	210 lbs.
10-A-576	4 Ft.	7 Ft. 6 in.	1 3/4 inches	8'x7'6"	13.45	190 lbs.	10-A-1476	2' 8"	7' 6"	1 3/4 inches	8'0"x7'6"	14.25	190 lbs.



All Wood Garage Doors

Made of Clear Kiln Dried Fir. Stiles and rails are mortised and pinned making an extra strong garage door. The panels are extra heavy and are raised or moulded as shown. They are set into the grooves of the stiles and rails by means of special machinery. This is one of the most durable doors made and will give years of service. Our "All Wood" Garage Doors will harmonize with any style of architecture.

ALL WOOD DOOR

Catalog Number	Size of each door			2 doors will fill opening	Price per Pair 2 doors	Shipping Weight Per Pair
	Width	Height	Thickness			
10-A-680	4 Ft.	8 Ft.	1 3/4 inches	8'0"x8'0"	\$13.35	200 lbs.
10-A-676	4 Ft.	7 Ft. 6 in.	1 3/4 inches	8'0"x7'6"	12.95	190 lbs.



ILLINOIS
10-A-105

Garage Service Doors

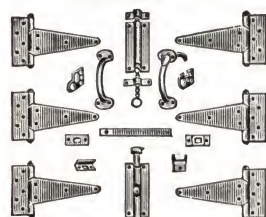
Made from Western Fir—a wood noted for its durability. Strength should be the first requirement of garage service doors on account of the large amount of abuse they receive. Because of very minor defects in material and workmanship, we have graded these doors as B quality and are making the prices extremely low. When painted they cannot be distinguished from our A quality doors. The defects do not in any way affect the strength or lasting qualities of the doors, and we fully guarantee you absolute satisfaction with them. Our Chicago door has clear plain glass held in place with wood stops.



CHICAGO
10-A-777

Size Wdth. Ht.	Thickness	10-A-105 ILLINOIS	10-A-777 CHICAGO Glazed	Shipping Weight Pounds
2'4"x6'6"		\$2.98	.....	35
2'6"x6'6"	1 3/4 inches	3.18	\$3.95	45
2'8"x6'8"		3.45	4.33	50

Swinging Garage Door Set



4-A-1605. Garage Set for double swinging door. Three pair of extra heavy 10 in. "T" hinges, one chain bolt, one foot bolt and two thumb latches, furnished complete with screws. Finished in Black Japan. **\$2.95**
Set, Complete.....

"Around the Corner" Garage Door Set

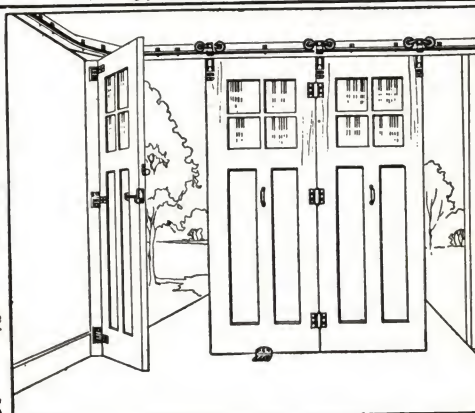
The two joined doors as shown in illustration are suspended by 3 swivel hangers, each equipped with two wheels which run on a guide track. Single door swings entirely out of opening, allowing the other two doors to slide past.

The hangers are adjustable, in case of swelling or raising of cement floor. All hardware is hung on inside of building and protected from the weather.

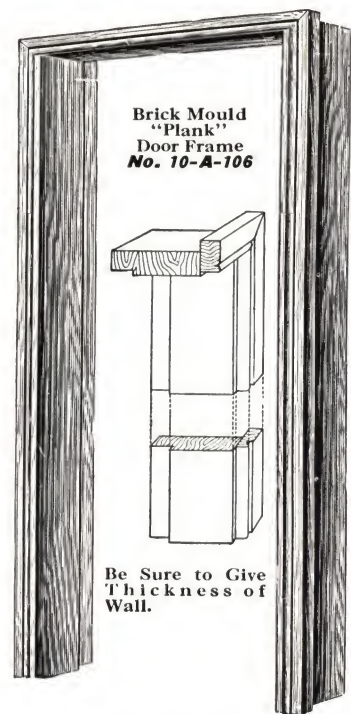
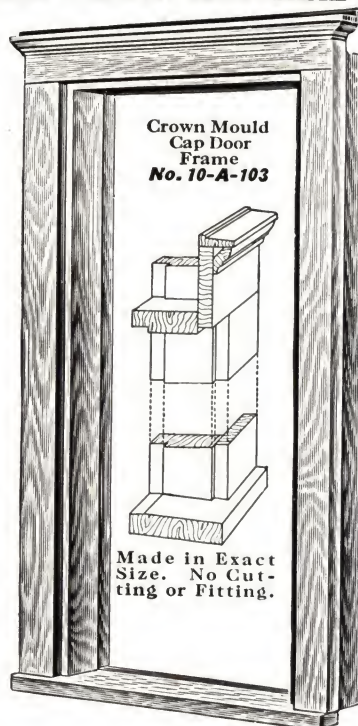
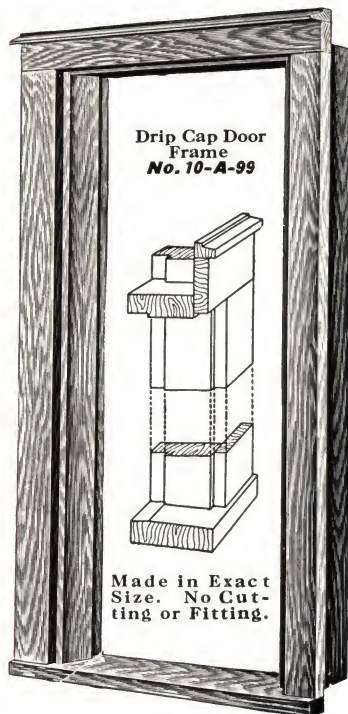
Set is for an opening 8 ft. square and includes the following items:

- 1—6 foot Braced Rail for sidewall.
- 1—8 foot Braced Rail for over door opening.
- 1—4 foot Braced Rail curved (27 inch Radius).
- 3—Swivel Hangers.
- 1 1/2 pair Garage Door Hinges.
- Complete instructions with each set.
- 1 1/2 pair 4x4 Jap Butts.
- 2—Door Pulls.
- 1—Latch.
- 1—Adjustable Floor Guide (with creosote blocks for securing into cement).
- 1 pair Jap Padlock Eyes.

No. 4-A-8030. "Around the Corner" Garage door set, complete..... **\$6.75**



CLEAR FIR OUTSIDE DOOR FRAMES AND FRAME MATERIAL



Door frames in stock for immediate delivery made of selected clear kiln dried fir. Shipped not assembled and carefully bundled to avoid damage in delivery. We will set-up and nail together these frames for 75c extra. Rabbed for $1\frac{3}{8}$ inch thick doors unless otherwise specified when ordered. Weight each frame, about 65 lbs.

Drip Cap Door Frames

1½ Inch Outside Casing

Includes everything complete as shown: $1\frac{1}{2} \times 1\frac{3}{8}$ drip cap; $1\frac{1}{2} \times 4\frac{1}{4}$ outside casing; $1\frac{3}{8} \times 7\frac{1}{4}$ solid sill; $1\frac{3}{8} \times 5\frac{1}{4}$ inches, rabbeted jamb.

No. 10-A-99. Outside door frames for 2x4 studding, with solid clear fir sills, any size up to and including 3 ft. by 7 ft. rabbeted for doors $1\frac{3}{8}$ or $1\frac{1}{2}$ inches thick.

Price.....\$3.50

No. 10-A-413. Plain drip cap door frame with transom head, not exceeding 2 feet in height.

Price.....\$5.00

Oak sills for any of above frames, \$1.50 per frame extra.

Crown Mould Cap Door Frames

1½ Inch Outside Casing

This frame has $1\frac{1}{2} \times 3$ inch Drip Cap, $1\frac{1}{2} \times 5\frac{3}{4}$ inch head casing, $1\frac{1}{2} \times 4\frac{1}{4}$ inch outside casing, $2\frac{1}{4}$ inch crown moulding, $1\frac{3}{8} \times 5\frac{1}{4}$ inch jamb, rabbeted to suit thickness of door, $1\frac{3}{8} \times 7\frac{1}{4}$ solid sill.

No. 10-A-103. Crown mould cap outside door frame for frame buildings with 2x4 studding. For door 3 ft. x 7 ft. or smaller.

Price.....\$3.85

No. 10-A-414. Crown mould cap door frame with transom head, not exceeding 2 ft. in height.

Price.....\$5.35

Oak sills for any of above frames, \$1.50 per frame extra.

Cement Block, Stone or Brick Wall Door Frames

This frame has a $1\frac{1}{2} \times 2$ -inch clear brick moulding. No sill furnished with this frame.

No. 10-A-106. For 9-inch Brick Wall $1\frac{3}{8} \times 5\frac{1}{4}$ Jamb.

2 ft. 6 in. x 6 ft. 6 in.....\$2.86

2 ft. 8 in. x 6 ft. 8 in.....2.95

3 ft. x 7 ft.....3.12

No. 10-A-206. For 13-inch Brick Wall $1\frac{3}{8} \times 10\frac{1}{2}$ Jamb.

2 ft. 6 in. x 6 ft. 6 in.....\$4.75

2 ft. 8 in. x 6 ft. 8 in.....4.90

3 ft. x 7 ft.....5.16

No. 10-A-415. Plank door frame with transom head not exceeding 2 feet in height.

Add to above prices.....\$1.20

Outside Casing

10-A-8429.

Price per 100 lineal feet. Size $1\frac{1}{2} \times 1\frac{3}{8}$.

Clear Fir.....\$7.50

10-A-8428.

Price per 100 lineal feet. Size $1\frac{1}{2} \times 5\frac{3}{4}$.

Clear Fir.....\$10.50

WINDOW FRAME STOCK

Clear Kiln Dried Fir

Some carpenters and home builders sometimes prefer to make their own special frames. To meet this demand, we present a complete line of window frame stock which will enable you to make your own frames at lowest possible cost. See preceding pages for other mouldings.

Subsill

10-A-8440.

Edges beveled.

Size $\frac{3}{4} \times 5\frac{3}{4}$. Per

100 lineal feet.

Clear Fir.

\$6.00

Blindstop

10-A-8430. Per 100 lineal feet. Clear Fir.

Size $\frac{3}{4} \times 1\frac{3}{8}$.

Price.....\$1.35

Pulley Stile

10-A-8431.

Plowed Pulley Stile for $1\frac{1}{2}$ in. windows.

Size $\frac{3}{4} \times 4\frac{1}{2}$. Price

per 100 lineal feet.

Clear Fir.....\$5.00

Parting Stop

10-A-8432. Per 100 lineal feet. Clear Fir.

Size, $\frac{1}{2} \times \frac{3}{4}$.

Price.....80c

Sill Course

10-A-1672. Size $1\frac{1}{2} \times$

$1\frac{1}{2}$ inches. Price per 100

lineal feet.

Clear Fir.....\$4.95

Jamb Stock

No. 10-A-8442.

Size $1\frac{3}{4}$ in. x

$5\frac{1}{4}$ inch rabbeted, for $1\frac{3}{8}$

in. or $1\frac{1}{2}$ in.

doors, clear fir.

Per 100 lineal feet.

\$10.80

Main Sill

10-A-8439. Beveled

edges and rabbeted for

siding. Size $1\frac{1}{2} \times 3\frac{3}{4}$.

Sound solid Clear Fir

stock. Price per 100

lineal feet.....\$7.00

Sheathing Paper and Tarred Felt



A Sized Sheathing Paper for ordinary building purposes, made by special process, faced on both sides, thoroughly rosin-sized, making it damp-proof and vermin proof. 36 inches wide, containing about 500 sq. ft.

	Weight per Roll	Price per Roll
22-A-10. 20 lbs.		\$.82
22-A-11. 30 lbs.		1.23
22-A-12. 40 lbs.		1.64

Used for roofing, sheathing and general building purposes. Made of the best grade of wool felt, carefully selected, thoroughly saturated with distilled tar. Warranted to unroll freely without sticking. Approx. wt. 50 lbs.

22-A-14. Medium grade, 324 Sq. Ft. to roll.	Price per roll.....\$2.25
---	---------------------------

Made of the very finest selected grade of wool felt. It is used to deaden sound between floors and walls; used under floors, as it adds to the warmth. Rolls 36 inches wide.

22-A-15. Heavy grade, 450 Sq. Ft. to roll. Weight 75 lbs.	Per roll.....\$4.95
22-A-16. Medium grade, 450 Sq. Ft. to roll. Weight 50 lbs.	Per roll.....\$3.38

Ideal sheathing paper and also used under metal and slate roofs. It can be used in place of red rosin or any other sheathing paper. Put up in rolls 36 inches wide, each roll containing 500 square feet. Weight, per roll, approximately 35 lbs.

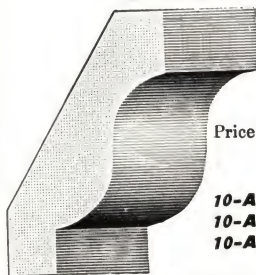
22-A-18.	Price per roll.....\$1.55
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Best grade of Blue Plaster Board manufactured. Strong and tough. Used on clap boards for sheathing and on walls in place of plaster; tacked to the studding and wall paper can be placed over it. Put up in rolls 36 inches wide.

22-A-19. Rolls containing 250 sq. ft., weight 30 lbs.	Price.....\$1.38
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Clear Fir Outside Mouldings!

Crown Mould



CLEAR FIR

Price per 100 lineal feet.

Size	Price
10-A-8000 $\frac{3}{4}$ x3 $\frac{1}{4}$	\$3.15
10-A-8006 $\frac{3}{4}$ x4 $\frac{1}{4}$	4.27
10-A-8008 $\frac{3}{4}$ x2 $\frac{1}{4}$	2.25

Brick or Stone Mould



CLEAR FIR

Price per 100 lineal feet.
10-A-8038. Size 1 $\frac{1}{2}$ x1 $\frac{1}{2}$
Price.....\$3.80

Band Moulding

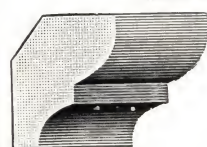


CLEAR FIR

Price per 100 lineal feet.

10-A-8178.	Size $\frac{3}{4}$ x2	Price.....\$2.00
10-A-8180.	Size $\frac{3}{4}$ x2 $\frac{1}{2}$	Price..... 2.48

Bed Mould

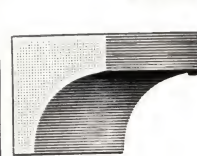


CLEAR FIR

Price per 100 lineal feet.

10-A-8016 Size $\frac{3}{4}$ x1 $\frac{1}{2}$	Price.....\$1.60
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Cove Mould



CLEAR FIR

Price per 100 lineal feet.

10-A-8060. Size $\frac{3}{4}$ x $\frac{3}{4}$	Price.....\$0.80
10-A-8061. Size $\frac{3}{4}$ x1 $\frac{1}{4}$	Price.....\$1.00

O. G. Stops

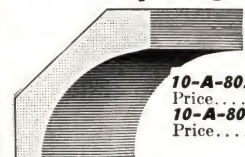


CLEAR FIR

Price per 100 lineal feet.

10-A-8083.	Size $\frac{3}{4}$ x1 $\frac{1}{4}$	Price.....\$0.80
10-A-8084.	Size $\frac{3}{4}$ x1 $\frac{3}{4}$	Price..... .90
10-A-8085.	Size $\frac{3}{4}$ x1 $\frac{1}{2}$	Price..... 1.10
10-A-8095.	Size $\frac{1}{2}$ x1 $\frac{1}{2}$	Price..... 1.60
10-A-8096.	Size $\frac{1}{2}$ x1 $\frac{3}{4}$	Price..... 1.30

Sprung Cove



CLEAR FIR

Price per 100 lineal feet.

10-A-8024. Size $\frac{3}{4}$ x1 $\frac{1}{2}$	Price.....\$1.60
10-A-8029. Size $\frac{3}{4}$ x3 $\frac{1}{4}$	Price.....\$3.15

Quarter Round

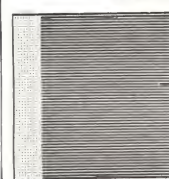


CLEAR FIR

Price per 100 lineal feet.

10-A-8065. Size $\frac{3}{4}$ x $\frac{3}{4}$	Price.....\$0.80
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Lattice Strips



CLEAR FIR

Price per 100 lineal feet.

10-A-8281. Size $\frac{5}{8}$ x1 $\frac{3}{8}$	Price.....\$0.80
10-A-8282. Size $\frac{5}{8}$ x1 $\frac{1}{2}$	Price.....\$1.12

Solid Bed Mould

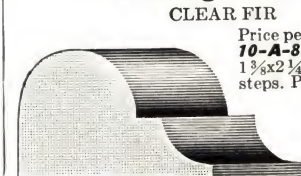


CLEAR FIR

Price per 100 lineal feet.

10-A-8036. Size $\frac{3}{4}$ x1 $\frac{1}{2}$	Price.....\$1.20
10-A-8037. Size $1\frac{1}{2}$ x1 $\frac{3}{8}$	Price.....\$2.60

Nosing Mould

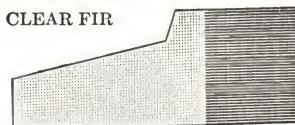


CLEAR FIR

Price per 100 lineal feet.
10-A-8125. Size $1\frac{3}{4}$ x2 $\frac{1}{4}$ for 1 $\frac{1}{2}$ in. steps. Price...\$4.50

Watertable or Dripcap

CLEAR FIR

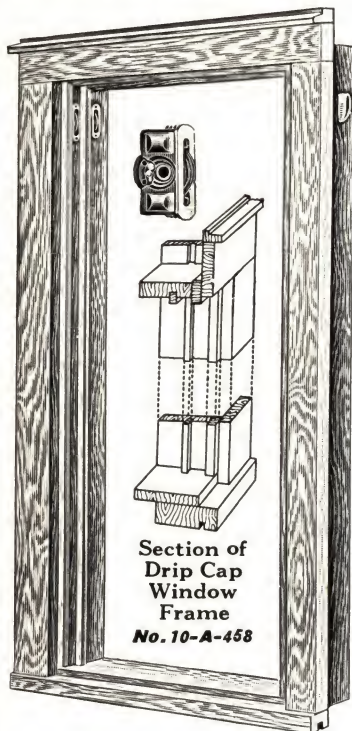


Price per 100 lineal feet.

10-A-8283. Size 1 $\frac{1}{8}$ x1 $\frac{1}{8}$	Price....\$3.00
10-A-8284. Size 1 $\frac{1}{8}$ x2	Price.... 3.35
10-A-8285. Size 1 $\frac{1}{8}$ x2 $\frac{1}{2}$	Price.... 4.10
10-A-8286. Size 1 $\frac{1}{8}$ x3.	Price.... 4.95

Window Frames for Wood Frame Buildings

Clear Kiln Dried Fir Ball Bearing Pulleys Included



Section of
Drip Cap
Window
Frame
No. 10-A-458

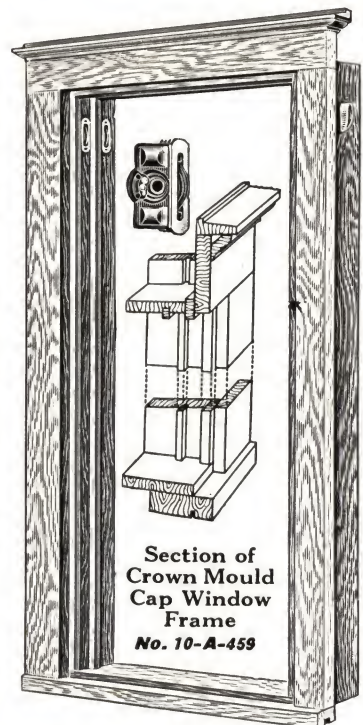
Our Window Frames are of the highest grade that is manufactured. These frames are for frame buildings, having standard 2x4 studding, siding, sheathing and plaster. All frames are machined, ready to put together, no further cutting or fitting is necessary. All that is necessary after receiving our frames is to nail them together and any carpenter can put any of our frames together in ten or fifteen minutes. **Frames are shipped knocked down, securely bundled to avoid damage in delivery. We will set-up and nail together these frames for 75c extra per frame opening.** We carry a complete stock in all sizes for immediate shipment.

PLAIN DRIP CAP Window Frames

Illustration at the left shows our Plain Drip Cap Window Frames, which are furnished complete as shown with pulleys. Specifications: Outside casing, 1 1/2 x 4 1/4 inches, pulley styles and head jambs 3/4 x 5 1/4 inches over all, including blind stop; plowed for parting stop. Two member sill, main section 1 1/2 x 3 3/4 inches, sub-section 3/4 x 5 1/4 inches, drip cap 1 1/2 x 1 1/2 inches. See insert section for construction of frames.

CROWN MOULD CAP Window Frames

Illustration to the right shows our Crown Mould Cap Window Frames, which are furnished complete as shown, with pulleys. Specifications are the same as our Drip Cap Window Frame to the left, with exception that Head Casing is 5 1/4 inches wide to allow for crown mould cap. Size of crown moulding is 3/4 x 2 1/4 inches, size of drip cap 1 1/2 x 3 inches. See insert section for construction of frames.



Section of
Crown Mould
Cap Window
Frame
No. 10-A-459

FOR PLASTER-BOARD WALLS
We furnish these frames 3/4" narrower for plaster-board walls at the same prices as listed below. When ordering such be sure to specify for "Plaster-board Walls."

We can furnish sizes not listed at the price of the next larger size shown. Orders for set-up frames not subject to cancellation or exchange

MULLION AND TRIPLE FRAMES

Mullion or Double Frames are double the price of regular single frames of the same window opening size.
Triple Frames are three times the price of regular single frames of the same window opening size.

PRICES OF FRAMES FOR CHECK RAIL WINDOWS FOR WOOD FRAME BUILDINGS

Glass size shown is for 2 light windows. For other style windows see below.		DRIP CAP PRICE EACH	CROWN MOULD CAP PRICE EACH
Glass Sizes, Prices Cover Frame only	Outside Window Measurement, Inside Opening of Frame ft. in. ft. in.	Frame with 1 1/2 inch Casing Including Pulleys 10-A-458	Frame with 1 1/2 inch Casing Including Pulleys 10-A-459
12x20	1- 4 x 3-10	\$2.06	\$2.41
12x24	1- 4 x 4- 6	2.26	2.61
12x30	1- 4 x 5- 6	2.61	2.96
14x20	1- 6 x 3-10	2.07	2.42
14x24	1- 6 x 4- 6	2.28	2.63
14x28	1- 6 x 5- 2	2.50	2.85
16x16	1- 8 x 3- 2	1.86	2.21
16x20	1- 8 x 3-10	2.08	2.43
16x24	1- 8 x 4- 6	2.29	2.64
18x20	1-10 x 3-10	2.14	2.49
18x24	1-10 x 4- 6	2.35	2.70
18x28	1-10 x 5- 2	2.55	2.90
20x20	2- 0 x 3-10	2.19	2.54
20x24	2- 0 x 4- 6	2.40	2.75
20x26	2- 0 x 4-10	2.51	2.86
20x28	2- 0 x 5- 2	2.61	2.96
22x22	2- 2 x 4- 2	2.35	2.70
22x24	2- 2 x 4- 6	2.46	2.81
22x28	2- 2 x 5- 2	2.66	3.01
24x20	2- 4 x 3-10	2.30	2.65
24x24	2- 4 x 4- 6	2.51	2.86
24x26	2- 4 x 4-10	2.62	2.97
24x28	2- 4 x 5- 2	2.72	3.07
24x30	2- 4 x 5- 6	2.83	3.18
26x20	2- 6 x 3-10	2.37	2.72
26x24	2- 6 x 4- 6	2.58	2.93
26x26	2- 6 x 4-10	2.69	3.04
26x28	2- 6 x 5- 2	2.79	3.14
26x30	2- 6 x 5- 6	2.90	3.25
28x24	2- 8 x 4- 6	2.64	2.99
28x26	2- 8 x 4-10	2.75	3.10
28x28	2- 8 x 5- 2	2.85	3.20
28x30	2- 8 x 5- 6	2.95	3.30
30x24	2-10 x 4- 6	2.69	3.04
30x28	2-10 x 5- 2	2.80	3.25
30x30	2-10 x 5- 6	2.91	3.36
30x32	2-10 x 5-10	3.01	3.47
30x36	2-10 x 6- 6	3.12	3.58
32x24	3- 0 x 4- 6	2.75	3.10
32x28	3- 0 x 5- 2	2.95	3.30
32x30	3- 0 x 5- 6	3.06	3.41
32x32	3- 0 x 5-10	3.17	3.52
36x30	3- 4 x 5- 6	3.19	3.54
40x32	3- 8 x 5-10	3.41	3.76
44x32	4- 0 x 5-10	3.62	3.97

Note—These Frames for 4, 8 and 12 light windows, and special sizes of all kinds furnished at the price of the next larger size opening shown above.

SASH FRAMES FOR FRAME BUILDINGS



Frame 10-A-476

Frame 10-A-476, made from Clear Fir; with 1 1/2 x 4 1/4 inches Outside Casing; 1 1/2 x 1 1/2 inches Drip Cap; 1 1/2 x 5 1/4 inches Jambs and 1 1/2 x 7 1/2 inches Sill. Rabbed for 1 1/2 inches Sash, unless otherwise specified when ordered. Machined ready to nail together.

We will set-up and nail together these frames for 75c extra.

For Stationary or "Swing-in" Sash

Any size Sash Opening up to and including	DRIP CAP FRAME 10-A-476
WIDTH HEIGHT	PRICE EACH
2 ft. 5 in. x 2 ft. 1 in.	\$2.46
2 ft. 10 in. x 2 ft. 11 in.	2.92
3 ft. 4 in. x 2 ft. 11 in.	3.14
3 ft. 8 in. x 2 ft. 11 in.	3.27
3 ft. 8 in. x 4 ft. 0 in.	3.52

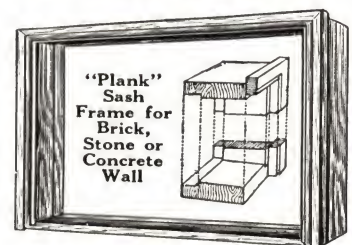
For Crown Cap add 30c extra per Frame and order by No. **10-A-477**

Plank Basement or Cellar Sash Frames

FOR BRICK OR CONCRETE WALLS

For Stationary or Swing-in Sash

Any size Sash opening up to and including	SASH FRAME 10-A-107
WIDTH HEIGHT	PRICE EACH
2 ft. 10 in. x 1 ft. 9 in.	\$1.60
2 ft. 10 in. x 2 ft. 11 in.	1.88
3 ft. 4 in. x 2 ft. 11 in.	2.03
3 ft. 8 in. x 2 ft. 11 in.	2.16
3 ft. 8 in. x 4 ft. 0 in.	2.43



Frame 10-A-107

Frame 10-A-107, made from Clear Fir; with 1 1/2 x 5 1/4 inches Jambs and Sills; 1 1/2 x 2 inches Brick Moulding. Rabbed for 1 1/2 inches Sash, unless otherwise specified when ordered. Machined, ready to nail together. Special: This frame for 10x16-3 ft. Cellar Sash 2 ft. 10 inches x 1 ft. 9 inches—1 1/4 inches always in stock for immediate shipment.

We will set-up and nail together these frames for 50c extra.

CLEAR FIR WINDOW FRAMES

BALL BEARING PULLEYS INCLUDED Window Frames for Solid Brick, Stone or Cement Block Buildings

are illustrated at the left. These frames are known as box Window Frames, made for a regular 9 inch wall, but can be used for 13 inch wall by using an extension jamb. Specifications: This frame has 1½x2 inch brick mould, 1½x4½ inch head, ¾x1½ inch head inside lining and 1½x5½ inch main sill, ¾x4½ inch blind stop, ¾x4½ inch pulley stile, ½x¾ inch parting stop, ¾x3¾ inch rabbeted box lining, ¾x4½ inch back box lining. All exposed lumber will be clear face stock, carefully selected and thoroughly seasoned. The box linings are made from good, sound lumber.

We will rabbet frames for extension jambs at the same price if so specified when frames are ordered. When ordering Box Window Frames always give the thickness of wall. Prices on extension jambs quoted on receipt of specifications.

Window Frames for Brick Veneer Buildings

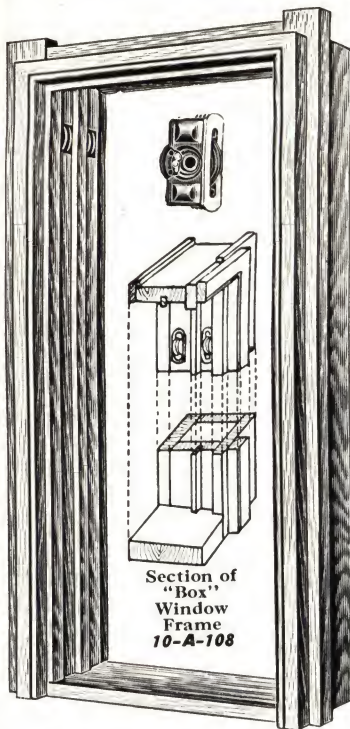
are illustrated at right. This frame is used for walls of 2x4 studding, veneered with a layer of brick, and they are made in the same manner as the frame for a brick or stone wall, with the exception that the box linings are omitted, not being required. All exposed lumber is clear face stock.

Specifications: Blind stop, ¾x4½ inch; pulley stile, ¾x5½ inch, making width of jamb 5½ inch, including blind stop. Brick mould, 1½x2 inch, parting stop ½x¾ inch. Sills made from 2x8 stock.

All our frames are made in exact sizes. Every piece is cut to fit, ready to put together, easily assembled. We ship frames knocked down carefully bundled to avoid damage in delivery. We will set up and nail together these frames for \$1.00 extra per frame opening.

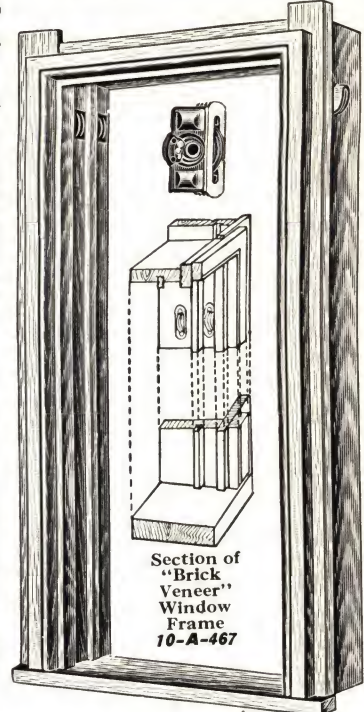
Remember when consulting the table below that intermediate sizes are furnished at the price of the next larger size. When ordering, give size of window and frame will be made to fit.

If box Frames are wanted for brick arch, be sure to specify and allow 15c net extra for each frame.



Section of
"Box"
Window
Frame
10-A-108

Box Window Frame No. 10-A-108

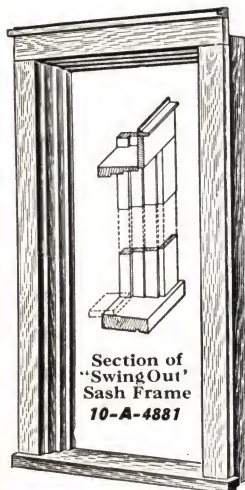


Section of
"Brick
Veneer"
Window
Frame
10-A-467

Brick Veneer Frame No. 10-A-467

Prices of Box Window Frames Order by Size and Number—Prices Include Pulleys		
Width	Height	Price Each Frame 10-A-108
2 feet 2 inch.....	4 feet 6 inch or smaller	\$4.08
2 feet 6 inch.....	5 feet 2 inch or smaller	4.34
2 feet 8 inch.....	5 feet 10 inch or smaller	4.94
3 feet 4 inch.....	5 feet 2 inch or smaller	4.57
4 feet.....	5 feet 10 inch or smaller	5.31
4 feet 4 inch.....	6 feet 6 inch or smaller	5.77

Prices of Brick Veneer Frames Always Give Width First—Prices Include Pulleys		
Width	Height	Price Each Frame 10-A-467
2 feet 2 inch.....	4 feet 6 inch or smaller	\$3.35
2 feet 6 inch.....	5 feet 2 inch or smaller	3.66
2 feet 8 inch.....	5 feet 10 inch or smaller	4.17
3 feet 4 inch.....	5 feet 2 inch or smaller	4.03
4 feet.....	5 feet 10 inch or smaller	4.76
4 feet 4 inch.....	6 feet 6 inch or smaller	5.02



Section of
"Swing Out"
Sash Frame
10-A-4881

Sash Frame No. 10-A-4881

"Swing In" and "Swing Out" French Window or Casement Sash Frames Clear Kiln Dried Fir

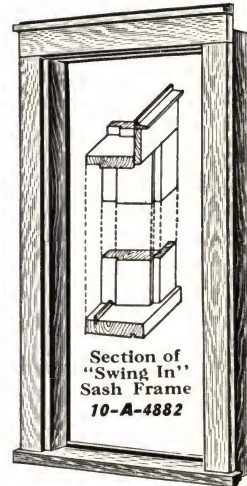
These frames, like all of our frames, are manufactured from Clear Fir and are machined so that each piece fits perfectly. Frame No. 4881 illustrated to the left, and Frames No. 4891 and 4901 are used when sash are hinged so that they are to swing out. You will note from the illustration that jambs are specially rabbeted so that a weathertight job results. Frame No. 4882, illustrated to the right, and Frames No. 4892 and 4902, are used when sash are hinged so they will swing in. A special stop strip is used in the sill of these frames and sash should be rabbeted to accommodate this stop. This method of construction is the most practical for this style of frame.

The jambs on all frames are 1½ x 5¼ inches. Frames No. 4881, 4891, 4882 and 4892 have 1½ x 4¼ inches outside casing and 1½ x 7¼ inches sill. Head casing and drip cap are constructed to match Frames No. 458 and 459 respectively, illustrated on preceding page. Frames No. 4901 and 4902 have 1½ x 5¼ inch sill and 1½ x 2 inch brick mould.

All our frames are made to exact size. Every piece is cut to fit, ready to put together, easily assembled. We ship frames knocked down carefully bundled to avoid damage in delivery. We will set up and nail together these frames for 75c extra per frame opening.

MULLIONS

Mullion or double frames are double the price of single frames; triple frames are three times the price of single frames; quadruple and quintuple frames are four and five times the price of single frames, respectively.



Section of
"Swing In"
Sash Frame
10-A-4882

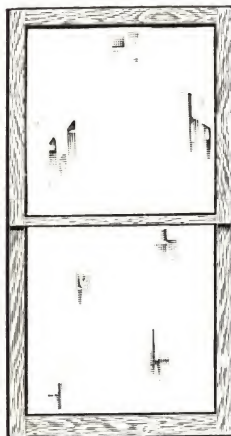
Sash Frame No. 10-A-4882

For Any Size Sash Opening up to and Including		10-A-4881 "Swing Out" Sash Frame Drip Cap 1½-inch Casing	10-A-4891 "Swing Out" Sash Frame Crown Mould 1½-inch Casing	10-A-4901 "Swing Out" Sash Frame Brick Mould for 9-inch Wall	For Any Size Sash Opening up to and Including		10-A-4882 "Swing In" Sash Frame Drip Cap 1½-inch Casing	10-A-4892 "Swing In" Sash Frame Crown Mould 1½-inch Casing	10-A-4902 "Swing In" Sash Frame Brick Mould for 9-inch Wall
Width Ft. In.	Height Ft. In.				Width Ft. In.	Height Ft. In.			
2-10	x 2-10	\$3.71	\$4.01	\$2.87	2-10	x 2-10	\$3.13	\$3.43	\$2.43
2-8	x 4-6	4.56	4.86	3.58	2-8	x 4-6	3.98	4.28	2.96
3-0	x 5-2	5.29	5.59	4.07	3-0	x 5-2	4.59	4.89	3.28
3-8	x 5-6	5.56	5.86	4.37	3-8	x 5-6	4.84	5.14	3.65

We will rabbet frames No. 4901 and No. 4902 for extension jambs at the same price if so specified when frames are ordered. When ordering frames always give thickness of walls. Prices on extension jambs quoted on receipt of specifications.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Standard Check Rail Windows

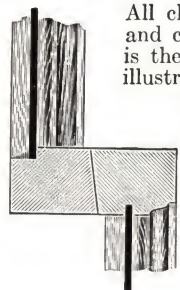


10-A-71

Clear White Pine—1 $\frac{3}{8}$ Inches Thick

These windows are manufactured in our own shops. They are of clear white pine, kiln dried, mortised, pinned and sanded, glass extra strong tacked, and puttied with high quality putty.

The term "window" means two sash—upper and lower.

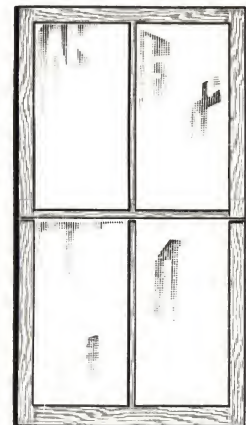


All check rail windows are plowed and bored for sash cord and can be used either with or without weights. The check is the beveled rail where the two sash come together, as is illustrated in cross section cut shown at left.

When ordering be sure to give width first.
Price includes both top and bottom sash.

Weight—A window 28x28 2 lights check rail 1 $\frac{3}{8}$ inches thick is considered an average size and weighs 28 pounds, shipping weight. Other sizes will weigh more or less in proportion to sizes.

Special Windows and Sash of all kinds
made to order at lowest possible prices



10-A-72

Two Light Check Rail Windows

1 $\frac{3}{8}$ inches thick

10-A-71

Size of Glass	Price per Window Glazed	Outside Measure Width Height ft. in. ft. in.	Size of Sash Weights Required Lbs.
12x16	\$1.15	1- 4x3- 2	3
12x20	1.28	1- 4x3-10	3
12x24	1.43	1- 4x4- 6	3 $\frac{1}{2}$
16x16	1.30	1- 8x3- 2	3
16x18	1.38	1- 8x3- 6	3
16x20	1.46	1- 8x3-10	3
16x24	1.61	1- 8x4- 6	3 $\frac{1}{2}$
16x26	1.82	1- 8x4-10	4
16x28	1.90	1- 8x5- 2	4
16x30	1.98	1- 8x5- 6	4 $\frac{1}{2}$
18x18	1.48	1-10x3- 6	3 $\frac{1}{2}$
18x20	1.56	1-10x3-10	3 $\frac{1}{2}$
18x24	1.82	1-10x4- 6	4
18x26	1.92	1-10x4-10	4 $\frac{1}{2}$
18x28	2.00	1-10x5- 2	4 $\frac{1}{2}$
20x20	1.63	2- 0x3-10	4
20x22	1.82	2- 0x4- 2	4
20x24	1.82	2- 0x4- 6	4 $\frac{1}{2}$
20x26	1.92	2- 0x4-10	5
20x28	2.01	2- 0x5- 2	5 $\frac{1}{2}$
20x30	2.19	2- 0x5- 6	5 $\frac{1}{2}$
20x32	2.57	2- 0x5-10	6
22x20	1.77	2- 2x3-10	4
22x22	1.95	2- 2x4- 2	4 $\frac{1}{2}$
22x24	1.96	2- 2x4- 6	5
22x26	2.05	2- 2x4-10	5
22x28	2.18	2- 2x5- 2	5 $\frac{1}{2}$
22x30	2.34	2- 2x5- 6	5 $\frac{1}{2}$
22x32	2.58	2- 2x5-10	6

10-A-71—Continued

Size of Glass	Price per Window Glazed	Outside Measure Width Height ft. in. ft. in.	Size of Sash Weights Required Lbs.
24x16	\$1.51	2- 4x3- 2	3 $\frac{1}{2}$
24x18	1.71	2- 4x3- 6	4
24x20	1.77	2- 4x3-10	4 $\frac{1}{2}$
24x22	1.95	2- 4x4- 2	5
24x24	2.01	2- 4x4- 6	5
24x26	2.05	2- 4x4-10	5 $\frac{1}{2}$
24x28	2.18	2- 4x5- 2	6
24x30	2.34	2- 4x5- 6	6 $\frac{1}{2}$
24x32	2.68	2- 4x5-10	6 $\frac{1}{2}$
26x16	1.82	2- 6x3- 2	4
26x20	1.92	2- 6x3-10	5
26x22	2.08	2- 6x4- 2	5
26x24	2.09	2- 6x4- 6	5 $\frac{1}{2}$
26x26	2.18	2- 6x4-10	6
26x28	2.39	2- 6x5- 2	6
26x30	2.58	2- 6x5- 6	6 $\frac{1}{2}$
26x32	2.84	2- 6x5-10	7
28x24	2.24	2- 8x4- 6	6
28x26	2.39	2- 8x4-10	6
28x28	2.52	2- 8x5- 2	6 $\frac{1}{2}$
28x30	2.58	2- 8x5- 6	7
28x32	3.12	2- 8x5-10	7 $\frac{1}{2}$
30x24	2.20	2-10x4- 6	6 $\frac{1}{2}$
30x26	2.58	2-10x4-10	6 $\frac{1}{2}$
30x28	2.62	2-10x5- 2	7
30x30	2.94	2-10x5- 6	7 $\frac{1}{2}$
30x32	3.23	2-10x5-10	8
32x24	2.75	3- 0x4- 6	6 $\frac{1}{2}$
32x26	2.78	3- 0x4-10	7
32x28	3.12	3- 0x5- 2	7 $\frac{1}{2}$
32x30	3.23	3- 0x5- 6	8
32x32	3.51	3- 0x5-10	8
36x24	2.86	3- 4x4- 6	7
36x26	3.22	3- 4x4-10	8
36x28	3.44	3- 4x5- 2	8
36x30	3.54	3- 4x5- 6	9

Four Light Check Rail Windows

1 $\frac{3}{8}$ inches thick

10-A-72

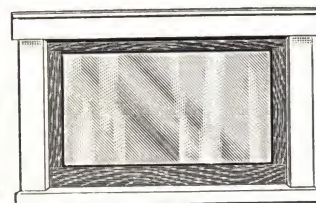
Size of Glass	Price per Window Glazed	Outside Measure Width Height ft. in. ft. in.	Size of Sash Weights Required Lbs.
10x20	\$1.79	2- 1x3-10	4
10x22	1.85	2- 1x4- 2	4
10x24	1.89	2- 1x4- 6	4 $\frac{1}{2}$
10x26	2.10	2- 1x4-10	4 $\frac{1}{2}$
10x28	2.18	2- 1x5- 2	5
10x30	2.45	2- 1x5- 6	5 $\frac{1}{2}$
12x20	1.77	2- 5x3-10	4 $\frac{1}{2}$
12x22	2.00	2- 5x4- 2	5
12x24	2.01	2- 5x4- 6	5
12x26	2.12	2- 5x4-10	5 $\frac{1}{2}$
12x28	2.21	2- 5x5- 2	5 $\frac{1}{2}$
12x30	2.62	2- 5x5- 6	6
12x32	2.89	2- 5x5-10	6
12x34	3.01	2- 5x6- 2	6 $\frac{1}{2}$
14x20	2.11	2- 9x3-10	5
14x22	2.29	2- 9x4- 2	5 $\frac{1}{2}$
14x24	2.31	2- 9x4- 6	6
14x26	2.39	2- 9x4-10	6
14x28	2.67	2- 9x5- 2	6 $\frac{1}{2}$
14x30	2.88	2- 9x5- 6	7
14x32	3.06	2- 9x5-10	7 $\frac{1}{2}$
14x34	3.35	2- 9x6- 2	7 $\frac{1}{2}$
14x36	3.51	2- 9x6- 6	8

Clear White Pine Hall, Closet or Stair Landing Sash

Made in First Class Manner of Clear White Pine

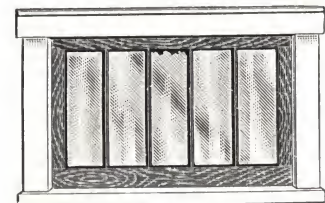
1 $\frac{3}{8}$ inches thick

The side stiles and top rail are 2 in. wide while the bottom rail is 3 in. wide. First quality material and manufacture. Glazed with clear glass, strongly tacked and puttied. Exceptional values.



10-A-84

Glass Size Inches	Thickness Inches	Outside Measure Width Height ft. in. ft. in.	Price 10-A-84	Price 10-A-1413
30x14	1 $\frac{3}{8}$	2-10x1- 7	\$0.98	\$1.48
30x16	1 $\frac{3}{8}$	2-10x1- 9	1.02	1.52
30x18	1 $\frac{3}{8}$	2-10x1-11	1.11	1.62
36x16	1 $\frac{3}{8}$	3- 4x1- 9	1.19	1.69
36x18	1 $\frac{3}{8}$	3- 4x1-11	1.28	1.78
40x18	1 $\frac{3}{8}$	3- 8x1-11	1.46	1.96



10-A-1413

Standard CHECK RAIL $1\frac{3}{8}$ INCH THICK CLEAR WHITE PINE Windows

Our Check Rail Windows are plowed and bored for sash cord and can be used with or without weights. The Check Rail feature where the two sash come together, prevents rattling and makes the windows stormproof. See illustration on preceding page.

Eight Light CHECK RAIL Windows

$1\frac{3}{8}$ Inch Thick

10-A-74

Size of Glass	Thick-ness	Price per Window Glazed	Outside Measure Width Ht. ft. in. ft. in.	Size of Sash Weight Required
8x10	$1\frac{3}{8}$	\$1.54	1- 9x3-10	$3\frac{1}{2}$ lbs.
8x12	$1\frac{3}{8}$	1.69	1- 9x4- 6	$3\frac{1}{2}$ lbs.
10x12	$1\frac{3}{8}$	1.77	2- 1x4- 6	$4\frac{1}{2}$ lbs.
10x14	$1\frac{3}{8}$	2.02	2- 1x5- 2	5 lbs.
12x14	$1\frac{3}{8}$	2.23	2- 5x5- 2	$5\frac{1}{2}$ lbs.
12x16	$1\frac{3}{8}$	2.58	2- 5x5-10	6 lbs.

10-A-74

Twelve Light CHECK RAIL Windows

$1\frac{3}{8}$ Inch Thick

10-A-76

Size of Glass	Thick-ness	Price per Window Glazed	Outside Measure Width Ht. ft. in. ft. in.	Size of Sash Weight Required
8x10	$1\frac{3}{8}$	\$1.84	2- $4\frac{1}{2}$ x3-10	$4\frac{1}{2}$ lbs.
8x12	$1\frac{3}{8}$	2.05	2- $4\frac{1}{2}$ x4- 6	5 lbs.
9x12	$1\frac{3}{8}$	2.18	2- $7\frac{1}{2}$ x4- 6	$5\frac{1}{2}$ lbs.
9x14	$1\frac{3}{8}$	2.45	2- $7\frac{1}{2}$ x5- 2	6 lbs.
10x12	$1\frac{3}{8}$	2.26	2- $10\frac{1}{2}$ x4- 6	$5\frac{1}{2}$ lbs.
10x14	$1\frac{3}{8}$	2.51	2- $10\frac{1}{2}$ x5- 2	6 lbs.
12x14	$1\frac{3}{8}$	3.14	3- $4\frac{1}{2}$ x5- 2	8 lbs.
12x16	$1\frac{3}{8}$	3.56	3- $4\frac{1}{2}$ x5-10	9 lbs.

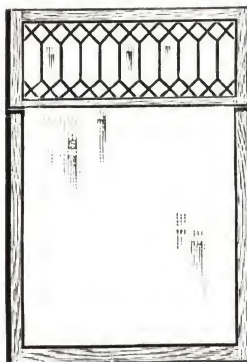
10-A-76

Windows not listed and special sizes of all kinds made to order at lowest possible prices.

Clear White Pine Front or Cottage Windows

$1\frac{3}{8}$ inches thick

Choicest designs in modern cottage windows to match all styles of architecture. Crystal design has leaded glass top light. Aristocrat design has leaded bevel plate glass top light. Plain View and Queen Anne designs are glazed with clear plain glass. Have check rail and are bored and plowed for sash cords.



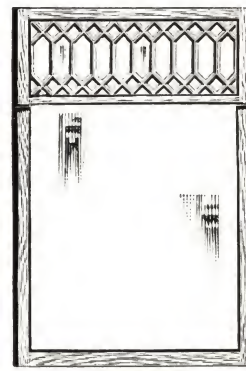
Crystal



Queen Anne



Plain View



Aristocrat

Glass Size, Bottom Sash, Width, Height	Glass Size, Top Sash, Width, Height	Outside Measure Width, Height	"Crystal" 10-A-66 Price	"Queen Anne" 10-A-648 Price	"Plain View" 10-A-64 Price	"Aristocrat" 10-A-70 Price	Shipping Weight, Pounds
40 in. x 42 in.	40 in. x 14 in.	3 ft. 8 in. x 5 ft. 2 in.	\$ 8.84	\$6.16	\$5.55	\$15.63	94
40 in. x 40 in.	40 in. x 16 in.	3 ft. 8 in. x 5 ft. 2 in.	8.80	5.71	5.09	16.57	96
40 in. x 46 in.	40 in. x 14 in.	3 ft. 8 in. x 5 ft. 6 in.	9.40	6.72	6.11	16.19	100
44 in. x 40 in.	44 in. x 16 in.	4 ft. 0 in. x 5 ft. 2 in.	9.94	6.44	5.83	18.48	104
44 in. x 44 in.	44 in. x 16 in.	4 ft. 0 in. x 5 ft. 6 in.	10.48	6.83	6.20	19.02	110

Cottage Windows are made to order; allow 10 days extra time.

Sash Cord



Made of special selected long fiber cotton, firmly braided. The strongest and most durable manufactured. Put up in bundles of 100 feet.

10-A-3645. No. 7, $\frac{3}{2}$ inch diam. Per bundle..... **90c**

Sash Weights



10-A-3643. Four weights are required to hold each window. Weights range from 3 to 9 pounds by half pounds. Heavier than 9 pounds, graduated by pounds.

Per Pound..... **3c**



Hook Sash Lifts

Splendid quality, heavy and high grade. Finely finished and made with bevel edges. Size, $1\frac{1}{2}$ inches. Screws to match.

GENUINE WROUGHT BRONZE METAL

4-A-3523. Antique Copper. Polished. Each..... **7c**

4-A-3526. Lemon Brass Finish. Each..... **7c**

ELECTRO BRONZE PLATED WROUGHT STEEL

4-A-3527. Antique Copper. Polished. Each..... **3c**

4-A-3527 1/2. N. P..... **4c**

4-A-3529. Lemon Brass Finish. Each..... **3c**

4-A-3529 1/2. Sand Finish..... **4c**

Bar Sash Lifts



Electro plated, wrought steel. Length of handle, 3 inches. Length over all, 4 in.

4-A-3559. Lemon Brass. Each..... **5c**

4-A-3559 1/2. Sand Finish..... **6c**

4-A-3557. Antique Copper. Each..... **5c**

4-A-3557 1/2. N. P..... **6c**

Steel Sash Locks

Electro plated.



The strongest and most durable sash lock made. Holds sash closely together; prevents rattling. Screws furnished.

4-A-3601. Antique Copper and Old or Lemon Brass. Each..... **6c**

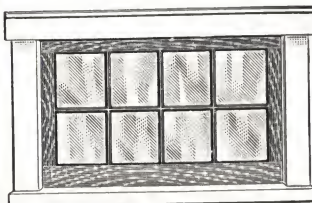
4-A-3602. N. P..... **8c**

4-A-3603 1/2. Sand Finish..... **8c**

Clear White Pine Hall, Closet or Stair Landing Sash

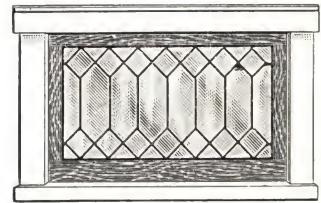
$1\frac{3}{8}$ inches thick. The side stiles and top rail are 2 inches wide while the bottom rail is 3 inches wide. Made of Clear White Pine.

First quality material and manufacture. Glazed with clear glass, and puttied with best quality putty. Exceptional values.



10-A-1412

Glass Size Inches	Thickness Inches	Outside Measure Width Height ft. in. ft. in.	10-A-1412 Price 8 Light Glazed	10-A-1414 Price Glazed Leaded
30x14	$1\frac{3}{8}$	2-10x1- 7	\$1.62	\$3.74
30x16	$1\frac{3}{8}$	2-10x1- 9	1.66	4.30
30x18	$1\frac{3}{8}$	2-10x1-11	1.75	4.84
36x16	$1\frac{3}{8}$	3- 4x1- 9	1.83	4.91
36x18	$1\frac{3}{8}$	3- 4x1-11	1.92	5.47
40x18	$1\frac{3}{8}$	3- 8x1-11	2.10	6.07



10-A-1414

Divided-Light Windows

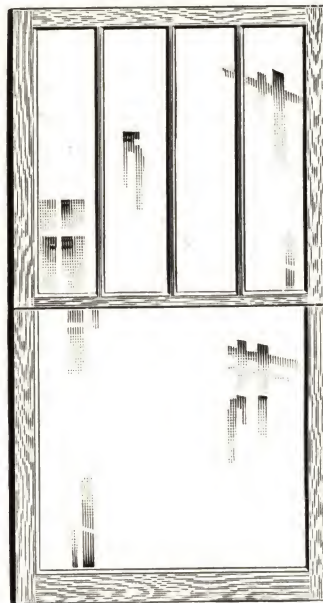
1 3/8" Thick



Fancy Cut-up Top Sash

Price table below includes window complete as illustrated, TOP SASH, AND BOTTOM SASH, glazed with clear glass.

CHECKRAIL
1 3/8" THICK



10-A-1341



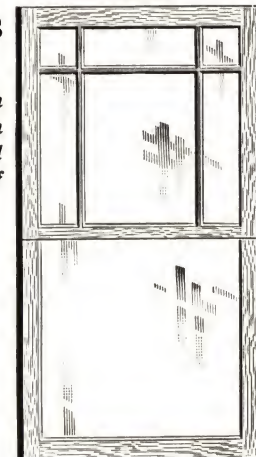
Divided by Wood Bars

Glazed with clear glass, high grade putty, and zinc rust-proof points.

CHECKRAIL
1 3/8" THICK



10-A-1344



10-A-1345

CLEAR WHITE PINE

These are the best known and most popular designs in fancy cut up top sash. Wood bars are used to divide the lights and the work is done by hand, each piece being carefully mortised in, pinned and smoothly sanded. Every light of glass is well tacked and puttied to hold its place.

A WORD ABOUT SIZES—Having our own sash factory right here at our main plant we can furnish any size at proportionately low prices.

WEIGHTS: A window 28x28 2 lights check rail 1 3/8 inches thick is considered an average size and weighs 28 pounds, shipping weight. Other sizes will weigh more or less in proportion to sizes. For size of sash weights required, see 2 light Check Rail windows on preceding pages.

Size of Glass	OUTSIDE MEASURE Width Height Ft. in. Ft. in.	10-A-1337	10-A-1341	10-A-1342	Size of Glass	OUTSIDE MEASURE Width Height Ft. in. Ft. in.	10-A-1344	10-A-1345
		Price per Window Glazed	Price per Window Glazed	Price per Window Glazed			Price per Window Glazed	Price per Window Glazed
16x20	1- 8x3-10	For these four sizes we would suggest 10-A-1342	For these four sizes we would suggest 10-A-1344	\$1.94	16x20	1- 8x3-10	\$1.76	\$2.16
16x24	1- 8x4- 6			2.09	16x24	1- 8x4- 6	1.91	2.31
18x20	1-10x3-10			2.04	18x20	1-10x3-10	1.86	2.26
18x28	1-10x5- 2			2.48	18x28	1-10x5- 2	2.30	2.70
20x20	2- 0x3-10	\$2.43	\$2.03	2.11	20x20	2- 0x3-10	1.93	2.33
20x24	2- 0x4- 6	2.62	2.22	2.30	20x24	2- 0x4- 6	2.12	2.52
20x26	2- 0x4-10	2.72	2.32	2.40	20x26	2- 0x4-10	2.22	2.62
20x28	2- 0x5- 2	2.81	2.41	2.49	20x28	2- 0x5- 2	2.31	2.71
22x24	2- 2x4- 6	2.76	2.36	2.44	22x24	2- 2x4- 6	2.26	2.66
22x26	2- 2x4-10	2.85	2.45	2.53	22x26	2- 2x4-10	2.35	2.75
22x28	2- 2x5- 2	2.98	2.58	2.66	22x28	2- 2x5- 2	2.48	2.88
22x30	2- 2x5- 6	3.14	2.74	2.82	22x30	2- 2x5- 6	2.64	3.04
24x20	2- 4x3-10	2.57	2.17	2.25	24x20	2- 4x3-10	2.07	2.47
24x22	2- 4x4- 2	2.75	2.35	2.43	24x22	2- 4x4- 2	2.25	2.65
24x24	2- 4x4- 6	2.81	2.41	2.49	24x24	2- 4x4- 6	2.31	2.71
24x26	2- 4x4-10	2.85	2.45	2.53	24x26	2- 4x4-10	2.35	2.75
24x28	2- 4x5- 2	2.98	2.58	2.66	24x28	2- 4x5- 2	2.48	2.88
24x30	2- 4x5- 6	3.14	2.74	2.82	24x30	2- 4x5- 6	2.64	3.04
26x20	2- 6x3-10	2.72	2.32	2.40	26x20	2- 6x3-10	2.22	2.62
26x22	2- 6x4- 2	2.88	2.48	2.56	26x22	2- 6x4- 2	2.38	2.78
26x24	2- 6x4- 6	2.89	2.49	2.57	26x24	2- 6x4- 6	2.39	2.79
26x26	2- 6x4-10	2.98	2.58	2.66	26x26	2- 6x4-10	2.48	2.88
26x28	2- 6x5- 2	3.19	2.79	2.84	26x28	2- 6x5- 2	2.69	3.09
26x30	2- 6x5- 6	3.38	2.98	3.06	26x30	2- 6x5- 6	2.88	3.28
28x24	2- 8x4- 6	3.04	2.64	2.72	28x24	2- 8x4- 6	2.54	2.94
28x26	2- 8x4-10	3.19	2.79	2.89	28x26	2- 8x4-10	2.69	3.09
28x28	2- 8x5- 2	3.32	2.92	3.00	28x28	2- 8x5- 2	2.82	3.22
28x30	2- 8x5- 6	3.38	2.98	3.06	28x30	2- 8x5- 6	2.88	3.28
28x32	2- 8x5-10	3.92	3.52	3.60	28x32	2- 8x5-10	3.42	3.82
30x24	2-10x4- 6	3.00	2.60	2.68	30x24	2-10x4- 6	2.50	2.90
30x26	2-10x4-10	3.38	2.98	3.06	30x26	2-10x4-10	2.88	3.28
30x28	2-10x5- 2	3.42	3.02	3.10	30x28	2-10x5- 2	2.92	3.32
30x30	2-10x5- 6	3.74	3.34	3.42	30x30	2-10x5- 6	3.24	3.64
30x32	2-10-5x10	4.03	3.63	3.71	30x32	2-10x5-10	3.53	3.93
32x24	3- 0x4- 6	3.55	3.15	3.23	32x24	3- 0x4- 6	3.05	3.45
32x28	3- 0x5- 2	3.92	3.52	3.60	32x28	3- 0x5- 2	3.42	3.82
32x30	3- 0x5- 6	4.03	3.63	3.71	32x30	3- 0x5- 6	3.53	3.93
36x28	3- 4x5- 2	4.24	3.84	3.92	36x28	3- 4x5- 2	3.74	4.14
36x30	3- 4x5- 6	4.34	3.94	4.02	36x30	3- 4x5- 6	3.84	4.24

Special Windows and Sash of all kinds made to order at lowest possible prices.

Cellar Sash, Attic Sash, Dormer Sash,

ALWAYS GIVE WIDTH FIRST
Then HEIGHT and THICKNESS

Barn Sash and Transoms

ALL SASH AND WINDOWS ARE GLAZED

ALWAYS GIVE WIDTH FIRST
Then HEIGHT and THICKNESS

These Sash are made in every respect just the same as our highest class Windows

—Clear White Pine Lumber,
standard width, thickness and manu-
facture, glass strongly tacked with zinc
points and glass carefully puttied in.



Single Dormer or Gable Casement Sash
Above 10-A-330 1 3/8 Inches Thick

Size of Glass Inches	Outside meas. ft. in. ft. in.	Price Glazed
8x10	1- 8 1/4 x2-11 1/2	\$1.14
9x12	1-10 1/4 x3- 5 1/2	1.31
10x14	2- 0 1/4 x3-11 1/2	1.55



Dormer or Gable French Window
Above 10-A-331 1 3/8 Inches Thick

Outside measure ft. in. ft. in.	Price per Window, con- sisting of two Sash
2- 8x2- 6	\$2.44
2-10x2-10	2.65

Windows are rabbeted in center insuring a tight joint
when window is closed.



Iowa Sash
Above 10-A-332 1 3/8 Inches Thick

Size of Glass Inches	Outside meas. ft. in. ft. in.	Price Glazed
8x10	2- 4x2-11	\$1.46
9x12	2- 7x3- 5	1.74
10x12	2-10x3- 5	1.84

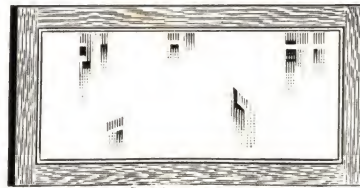
Single Sash Clear White Pine No. 10-A-84

One Light, 1 3/8 Inches Thick



Size of Glass Inches	Price, Glazed	Outside Meas. ft. in. ft. in.
10x12	\$0.55	1- 2x1- 5
12x16	.65	1- 4x1- 9
16x20	.75	1- 8x2- 1
18x20	.83	1-10x2- 1
20x20	.85	2- 0x2- 1
20x24	.93	2- 0x2- 5
24x20	.95	2- 4x2- 1
24x24	1.04	2- 4x2- 5
24x28	1.17	2- 4x2- 9
24x30	1.25	2- 4x2-11
30x14	.98	2-10x1- 7
30x16	1.02	2-10x1- 9
30x18	1.11	2-10x1-11
36x16	1.19	3- 4x1- 9
36x18	1.28	3- 4x1-11
40x18	1.46	3- 8x1-11

Single Sash and Door Transoms



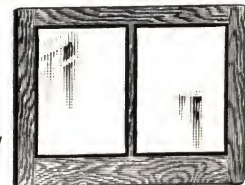
No. 10-A-80 Transom Sash,
Clear White Pine
1 Light 1 3/8 Inches Thick

Outside Measure Width Height ft. in. x ft. in.	Price, Glazed	Size of Glass Inches
2- 6x1- 0	\$0.67	26x 8
2- 6x1- 2	.68	26x10
2- 6x1- 4	.73	26x12
2- 8x1- 0	.69	28x 8
2- 8x1- 2	.70	28x10
2- 8x1- 4	.73	28x12
2- 8x1- 6	.88	28x14
2- 8x1- 8	.95	28x16
2-10x1- 0	.72	30x 8
2-10x1- 2	.73	30x10
2-10x1- 4	.85	30x12
2-10x1- 6	.91	30x14
2-10x1- 8	.98	30x16
3- 0x1- 0	.78	32x 8
3- 0x1- 2	.83	32x10
3- 0x1- 4	.89	32x12
3- 0x1- 6	.98	32x14
3- 0x1- 8	1.04	32x16

Cellar Sash

Clear
White
Pine

No. 10-A-81

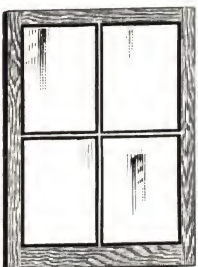


Two Lights, 1 3/8 Inches Thick

Size of Glass Inches	Price, Glazed	Outside Meas. ft. in. ft. in.
10x12	\$0.68	2- 1x1- 5
10x14	.73	2- 1x1- 7
10x16	.81	2- 1x1- 9
10x18	.89	2- 1x1-11
10x20	.93	2- 1x2- 1
12x14	.80	2- 5x1- 7
12x16	.83	2- 5x1- 9
12x18	.91	2- 5x1-11
12x20	.93	2- 5x2- 1
12x24	1.04	2- 5x2- 5
14x16	.91	2- 9x1- 9
14x18	.99	2- 9x1-11
14x20	1.04	2- 9x2- 1

Garage Sash No. 10-A-86

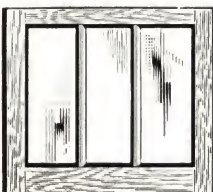
Clear White Pine
Four Lights, 1 3/8 Inch Thick



Size of Glass Inches	Price, Glazed	Outside Meas. ft. in. ft. in.
8x10	\$0.70	1- 8x2- 1
9x12	.80	1-10x2- 5
10x12	.83	2- 0x2- 5
10x14	.91	2- 0x2- 9
10x16	1.09	2- 0x3- 1
12x14	1.07	2- 4x2- 9
12x16	1.20	2- 4x3- 1

Fire Place Sash No. 10-A-88 Clear White Pine

Three Lights, 1 3/8 Inches Thick



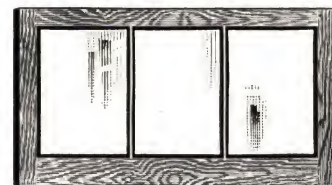
Glass Size Overall Inches	Price, Glazed	Outside Meas. ft. in. ft. in.
20x24	\$1.23	2- 0x2- 5
24x20	1.25	2- 4x2- 1
24x24	1.34	2- 4x2- 5

No. 10-A-87 Colonial Sash, Clear White Pine

6 Lights 1 3/8 Inches Thick

Size of Glass Inches	Price Glazed	Outside Meas. ft. in. ft. in.
8x10	\$0.91	2- 4x2- 1
9x12	1.09	2- 7x2- 5
10x12	1.11	2-10x2- 5
10x14	1.33	2-10x2- 9
10x16	1.56	2-10x3- 1
12x14	1.52	3- 4x2- 9
12x16	1.65	3- 4x3- 1

Cellar Sash



No. 10-A-82 Clear White Pine
Three Lights, 1 3/8 Inches Thick

Size of Glass Inches	Price, Glazed	Outside Meas. ft. in. ft. in.
7x 9	\$0.65	2- 1x1- 2
8x10	.67	2- 4x1- 3
8x12	.75	2- 4x1- 5
8x14	.81	2- 4x1- 7
9x12	.76	2- 7x1- 5
9x14	.83	2- 7x1- 7
9x16	.85	2- 7x1- 9
10x12	.78	2-10x1- 5
10x14	.85	2-10x1- 7
10x16	.93	2-10x1- 9
12x12	.99	3- 4x1- 5
12x14	1.02	3- 4x1- 7
12x16	1.06	3- 4x1- 9
12x18	1.25	3- 4x1-11

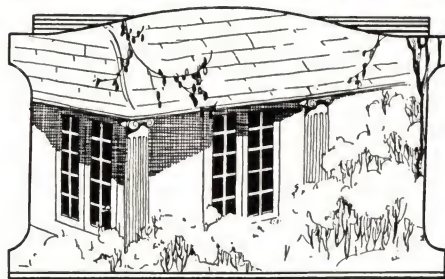
Special Sash and Windows of all kinds made to order at lowest possible price

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

FRENCH OR CASEMENT WINDOWS



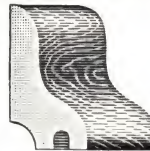
10-A-306



These handsome, artistic French windows harmonize with any style of architecture. Made of best quality "A" grade Soft White Pine and glazed with clear glass and best grade putty. Each sash is rabbeted on the side where they come together, insuring a close fit. Strong wood dividing bars are used and windows are built in a most substantial manner. Windows are 1 3/8 inches thick.

Special size windows of all kinds made to order.

We will furnish water drip moulding 5/8 in. x 1 1/4 in., as illustrated, to be nailed on bottom rail of windows for 15c per window extra. We will rabbet bottom rail of sash for swing in style frames at 30c extra per window (two sash). Frames for these windows are illustrated and priced on page 27 of this catalog.



Water Drip Moulding



10-A-307

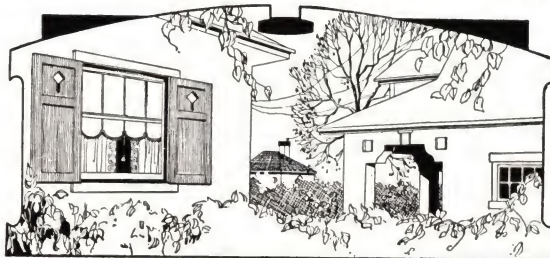
Price Per Window; Consisting of Two Sash

Window Opening Size	2-8x3-6	2-8x4-6	2-8x5-2	2-8x5-6	3-0x4-6	3-0x5-2	3-0x5-6	3-4x5-6	3-8x5-6	Ship. wt.
10-A-306	\$4.13	\$4.55	\$4.73	\$4.95	\$4.76	\$5.04	\$5.08	\$5.16	\$5.25	38
10-A-307	4.24	4.67	5.13	5.29	4.83	5.32	5.52	5.74	6.14	40

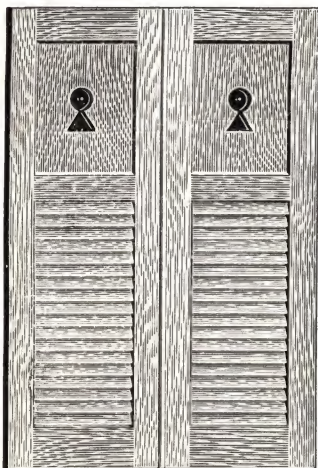
Colonial Shutters—They Beautify Any Home



Urn Panel Design



Pine Tree Panel Design



10-A-693

KEYHOLE PANEL DESIGN

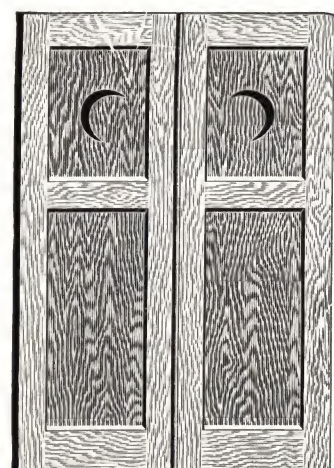
To the left we illustrate an improved shutter which has all the beauty of slat shutters, with none of the rattles and breakages of the old style, due to the fact that the bottom panel is solid, but moulded on both sides to look like slats.

To the right we illustrate the conventional style of shutters with flat panels top and bottom. Shutters can be furnished with your choice of top panel designs at no advance in price. However, unless ordered to the contrary, Shutter No. 693 will be furnished with "Keyhole" design top panel, and Shutter No. 694 with "Crescent" design top panel.

You will be tremendously surprised at what an improvement in appearance a few pair of shutters will make in your home. In addition to ornamentation, shutters afford considerable protection as they will keep the house warmer in winter and cooler in summer.

Our Shutters are made from clear White Pine, well manufactured, accurately machined, and are shipped in the white (natural wood unpainted). They are manufactured to order only. Allow at least ten days' time for shipment.

They are made in pairs, each shutter covering one-half of the window. One pair of shutters is needed for each window opening. Shutters are rabbeted where they join together. All shutters are made 1 1/8 inches thick. When ordering, please remember that shutters are made to order and are not subject to cancellation. Therefore, measure exact opening each pair of shutters is to fit in, giving width first, height second. Prices are per pair.



10-A-694

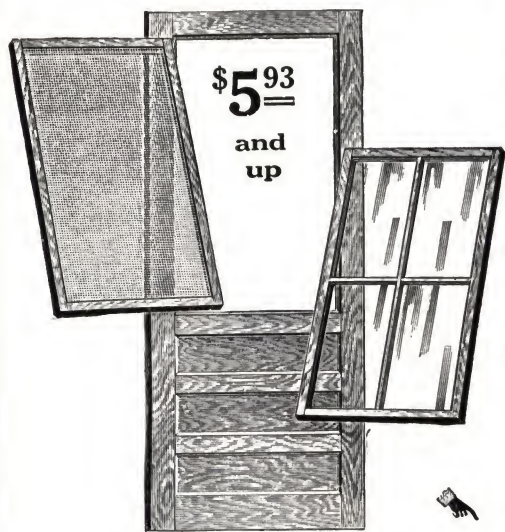
CRESCENT PANEL DESIGN

Size of Opening Per pair ft. in. ft. in.	10-A-693 Price Per pair	Ship. Weight Per pair	Size of Opening Per pair ft. in. ft. in.	10-A-693 Price Per pair	Ship. Weight Per pair	Size of Opening Per pair ft. in. ft. in.	10-A-694 Price Per pair	Ship. Weight Per pair	Size of Opening Per pair ft. in. ft. in.	10-A-694 Price Per pair	Ship. Weight Per pair
2- 0x3-11 1/2	\$5.52	15	2- 8x5- 3 1/2	\$6.86	25	2- 0x3-11 1/2	\$4.46	15	2- 8x5- 3 1/2	\$5.62	25
2- 4x4- 7 1/2	6.30	18	2- 8x5- 7 1/2	7.06	26	2- 4x4- 7 1/2	5.10	18	2- 8x5- 7 1/2	5.78	26
2- 4x5- 3 1/2	6.50	20	2- 8x5-11 1/2	7.32	28	2- 4x5- 3 1/2	5.30	20	2- 8x5-11 1/2	6.04	28
2- 4x5- 7 1/2	6.80	22	2-10x5- 7 1/2	7.28	26	2- 4x5- 7 1/2	5.56	22	2-10x5- 7 1/2	5.92	26
2- 6x5- 3 1/2	6.64	22	2-10x5-11 1/2	7.58	28	2- 6x5- 3 1/2	5.42	22	2-10x5-11 1/2	6.26	28
2- 6x5- 7 1/2	6.84	24	3- 0x5-11 1/2	7.84	30	2- 6x5- 7 1/2	5.60	24	3- 0x5-11 1/2	6.46	30

For Shutters not listed allow the price of the next larger size listed above

Harris "Easy-Change" Screen Storm Doors

Two Doors at The Price of One
Quickly and Easily Changed to a Storm
Door in Winter—a Screen Door in Summer



"LEADER"—10 A 1753

\$5⁹³
and
up

These are genuine "Easy Change" combination doors with the patented quick change locking device, rattle and fool-proof, not the kind of doors where sections are fastened with hooks and eyes. These splendid combination doors feature latest and best construction—tight joints smoothly sanded. Cost no more, but are much better.

The door is hung like any regular door—once hung always hung—no tools needed to make change.

Our Combination Doors have reduced the changing time to a few minutes, and it is so simple that a child can make the change. Cannot be tampered with from outside.

The removable sections and openings in door are both rabbetted so that when section is in place there is a double lap joint which, together with improved patented fasteners, makes the door dustproof and weather-proof. Patented Quick Change Locking Device. Our improved patented fastener holds the sections securely in place—fly-proof, dust and weather-proof. Doors are quickly changed within a few moments.

Furnished Complete as shown with Glazed Storm and Wired Screen Sections.

"Leader" Door

Made of White Pine Lumber. The opening for the storm and screen sections is 43 3/4 inches high in all width doors. The storm section is divided into four (4) lights, and is glazed, while the Screen Section is covered with fine 14 mesh galvanized wire. We carry these doors in stock PAINTED GRAY ONLY. 1 1/2 inch thick. Weight, 70 lbs.

"LEADER"		Price, each
Width	Height	Painted Gray
ft. in.	ft. in.	10-A-1753
2-6 1/2 x 6-7 1/2		\$5.93
2-8 1/2 x 6-9 1/2		6.10
2-8 1/2 x 7-1 1/2		6.19
2-10 1/2 x 6-9 1/2		6.29
2-10 1/2 x 6-11 1/2		6.33
2-10 1/2 x 7-1 1/2		6.36
3-0 1/2 x 6-9 1/2		6.59
3-0 1/2 x 7-1 1/2		6.59

"Favorite" Door

Made of CLEAR WHITE PINE 1 1/2 in. thick. Fine 14 mesh galvanized screen wire is used on screen section. Storm sections glazed with best grade of putty. The opening for the storm and screen sections is 4 feet 8 1/2 inches high in all size doors. Weight, 75 lbs.

"Favorite"		Price, each
Width	Height	Natural Wood
ft. in.	ft. in.	10-A-1751
2-6 3/4 x 6-9 1/2		\$6.87
2-8 3/4 x 6-9 1/2		6.97
2-8 3/4 x 7-1 1/2		7.07
2-10 3/4 x 6-9 1/2		7.19
2-10 3/4 x 6-11 1/2		7.26
2-10 3/4 x 7-1 1/2		7.29
3-0 3/4 x 6-9 1/2		7.55
3-0 3/4 x 7-1 1/2		7.59

"Supreme" Door

Made of CLEAR WHITE PINE 1 1/2 in. thick. Fine 14 mesh galvanized screen wire is used on screen section. Storm sections glazed with best grade of putty. The opening for the storm and screen sections is 4 feet 8 1/2 inches high in all size doors. Weight, 75 lbs.

"Supreme"		Price, each
Width	Height	Natural Wood
ft. in.	ft. in.	10-A-1750
2-6 3/4 x 6-9 1/2		\$6.84
2-8 3/4 x 6-9 1/2		6.94
2-8 3/4 x 7-1 1/2		7.01
2-10 3/4 x 6-9 1/2		7.11
2-10 3/4 x 6-11 1/2		7.19
2-10 3/4 x 7-1 1/2		7.24
3-0 3/4 x 6-9 1/2		7.46
3-0 3/4 x 7-1 1/2		7.49



"FAVORITE"—10 A 1751

\$6⁸⁷
and
up



"SUPREME"—10 A 1750

\$6⁸⁴
and
up



Easy to Hang

The door is hung like any regular door—once hung always hung



Easy to Change

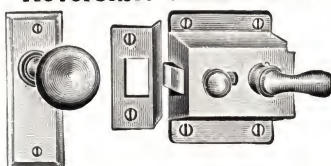
To change merely turn four fasteners, take out storm section and put in screen section



Easy to Store

No lost screws, hinges or unsightly screw holes from hanging separate storm and screen doors. Interchangeable section easy to put away for the winter or summer—can be stored in a closet

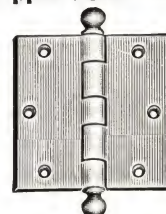
Reversible Rim Latch



Reversible Rim latch for Screen and Storm Doors, size 2x2 3/4 inches. Escutcheon, 1 1/2 x 4 1/2 inches. Can be locked by slide knob, which prevents opening from outside. Made for Swing Out Doors only. Screws included.

10-A-15013. Antique Copper..... 65c

Ball Tipped Loose Pin Butts



Made of heavy steel, nicely finished, antique copper. Screws included.

10-A-3505. 3x3 inches. Per pair. 25c

Sash and Screens for Enclosed Porches and Sun Parlors



Build your own enclosed all weather porches, with our standard size sash and screens, you will save half and make a first class job

Here, Mr. Handy Man, is a chance for you to get a large variety in sizes and pretty designs of porch sash. Just think of it—24 sizes and 3 styles to select from, will make a good fit on almost any size porch. These sash are best quality, made of CLEAR WHITE PINE well tenoned, mortised and pinned, just the same as all our high grade regular windows and storm sash. Sash are made with 2-inch face top rail, 2-inch face side stile and 3-inch face bottom rail, all bars between glass are $\frac{1}{2}$ inch. Thickness, $1\frac{1}{2}$ inches. All sash are smoothly sanded and shipped to you in the white (natural wood).

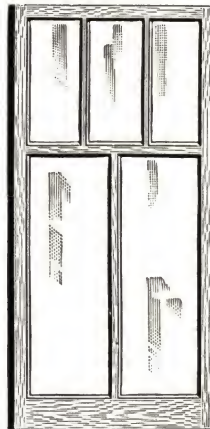
Porch Screens for Same

Screens are made in same standard sizes and quality as porch sash. Screens are offered in Galvanized or Copper Bronze wire. For additional screen information see page 46. Frame made of clear White Pine and will be furnished painted black (for your convenience) unless natural, unpainted, frames are especially specified when ordering. It is a simple task to build porch frames, fit both the sash, and screens to fill openings. Do the work in leisure time and save half the cost; get wonderful comfort and convenience from your porch by having it glazed in winter and screened in summer. It will add greatly to the value of your property.

Clear White Pine Porch Sash and Screens— $1\frac{1}{8}$ Inch Thick



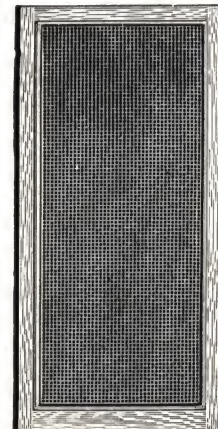
10-A-1234
4 Light Porch Sash



10-A-1230
5 Light Porch Sash



10-A-1231
6 Light Porch Sash



10-A-1238-9
1 Light Porch Screens

PORCH SASH Outside Measure Width Height Ft. In. Ft. In.	4 Light Porch Sash 10-A-1234 Price, Each Glazed	5 Light Porch Sash 10-A-1230 Price, Each Glazed	6 Light Porch Sash 10-A-1231 Price, Each Glazed	PORCH SCREENS Outside Measure Width Height Ft. In. Ft. In.	PORCH SCREENS 10-A-1238 Galvanized Wire 14 Mesh	PORCH SCREENS 10-A-1239 Copper Wire 16 Mesh
1-10 x 4-0	\$1.79	\$1.84	\$1.76	1-10 x 4-0	\$1.23	\$1.84
2-0 x 4-0	1.85	1.88	1.83	2-0 x 4-0	1.26	1.88
2-2 x 4-0	1.90	2.03	1.97	2-2 x 4-0	1.32	1.97
2-4 x 4-0	2.11	2.13	2.09	2-4 x 4-0	1.38	2.07
2-6 x 4-0	2.21	2.19	2.24	2-6 x 4-0	1.41	2.11
2-8 x 4-0	2.32	2.42	2.26	2-8 x 4-0	1.47	2.20
1-10 x 4-6	1.89	2.01	1.84	1-10 x 4-6	1.26	1.88
2-0 x 4-6	1.92	2.08	2.04	2-0 x 4-6	1.32	1.97
2-2 x 4-6	2.11	2.24	2.14	2-2 x 4-6	1.38	2.07
2-4 x 4-6	2.30	2.31	2.22	2-4 x 4-6	1.44	2.16
2-6 x 4-6	2.32	2.49	2.31	2-6 x 4-6	1.47	2.20
2-8 x 4-6	2.47	2.59	2.42	2-8 x 4-6	1.53	2.30
1-10 x 5-0	2.11	2.21	2.07	1-10 x 5-0	1.38	2.07
2-0 x 5-0	2.21	2.26	2.18	2-0 x 5-0	1.44	2.16
2-2 x 5-0	2.32	2.42	2.28	2-2 x 5-0	1.50	2.25
2-4 x 5-0	2.47	2.59	2.44	2-4 x 5-0	1.56	2.34
2-6 x 5-0	2.66	2.81	2.65	2-6 x 5-0	1.59	2.39
2-8 x 5-0	2.84	2.98	2.77	2-8 x 5-0	1.65	2.48
1-10 x 5-6	2.21	2.30	2.18	1-10 x 5-6	1.41	2.11
2-0 x 5-6	2.32	2.42	2.28	2-0 x 5-6	1.47	2.20
2-2 x 5-6	2.47	2.61	2.38	2-2 x 5-6	1.53	2.30
2-4 x 5-6	2.62	2.71	2.51	2-4 x 5-6	1.59	2.39
2-6 x 5-6	2.84	2.89	2.60	2-6 x 5-6	1.65	2.48
2-8 x 5-6	2.98	2.98	2.72	2-8 x 5-6	1.71	2.57

Special sash of all kinds made to order. For prices on special size screens see page 36

Clear White Pine Window Screen Frame Material

For the man who makes his own special screens



SCREEN MOLDING

10-A-8611. Screen moulding for covering screen wire where it is nailed to edges of stiles and rails. Size $\frac{1}{4}$ x $\frac{3}{8}$ inches. Price, per lineal foot. **1c**



CENTER RAIL

10-A-600. Used for center rail of screen frames. Size, $\frac{3}{4}$ x $1\frac{1}{2}$ inches. Price, per lineal foot. **2c**
Size, $1\frac{1}{2}$ x $1\frac{1}{2}$ inches. Price, per lineal foot. **2½c**



TOP AND SIDE RAIL

10-A-595. Top and side rail for making screen frames. Size, $\frac{3}{4}$ x $1\frac{3}{4}$ inches. Price, per lineal foot. **2½c**
Size, $1\frac{1}{2}$ x $1\frac{3}{4}$ inches. Price, per lineal foot. **3½c**



BOTTOM RAIL

10-A-596. Used for bottom rail of screen frames. Size, $\frac{3}{4}$ x $2\frac{3}{4}$ inches. Price, per lineal foot. **3½c**
(Also used for bottom rail of half screens.)
Size, $1\frac{1}{2}$ x $2\frac{3}{4}$ inches. Price, per lineal foot. **5c**



10-A-603. GROOVED SIDE RAILS for half screens. Size, $\frac{3}{4}$ x $1\frac{3}{4}$ inches. Price, per lineal foot. **2½c**

SLIDE STRIPS

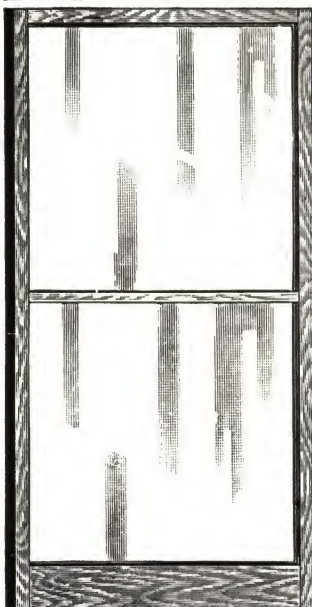
10-A-602. Slide strips for side rails of half screens. Size, $\frac{1}{4}$ x $\frac{3}{8}$ inches. White Pine. Price, per lineal foot. **1c**

Storm Sash—Clear Soft White Pine

A Word About Quality

We manufacture right here at our Main Plant in Chicago, tremendous stocks of storm sash and millwork of all kinds. From the very first, we believed that a storm sash should be made just as good in quality and workmanship as a regular window, instead of the second grade sappy lumber usually used, for the reason that storm sash really get more abuse than any window in your own house because the storm sash is handled rougher, being taken down, put up and stored away every year, therefore, subject to more abuses. We permit no blue, sappy, or mixed woods, but only first grade clear White Pine, the Pine that lasts longest—sell them to you for less money than many second grades offered on the market. Our storm sash are made so that you can trim ½ in. the width and 2 in. off the height without impairing their strength.

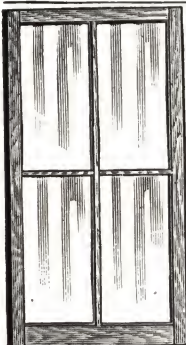
Our storm sash are made of clear White Pine, standard thickness 1½ inches, glazed with clear machine made American glass of uniform thickness, better strength than generally used for storm sash purposes. We use zinc rust-proof points to hold the glass in place and best quality putty to fill deep putty rabbet. A variance of ¼" over in size permitted in storm sash. **Special sizes made to order** at advanced prices. All our storm sash are smoothly sanded, and shipped to you in the white (natural wood).



No. 10-A-89 2-Light

Size of Glass Inches	Will Fill Opening Width Height ft. in. ft. in.	No. 10-A-89 Price Glazed	Size of Glass Inches	Will Fill Opening Width Height ft. in. ft. in.	No. 10-A-89 Price Glazed	Size of Glass Inches	Will Fill Opening Width Height ft. in. ft. in.	No. 10-A-89 Price Glazed
12x20	1- 4x4- 0	\$1.29	20x26	2- 0x5- 0	\$1.96	28x20	2- 8x4- 0	\$2.10
12x22	1- 4x4- 4	1.43	20x28	2- 0x5- 4	2.04	28x22	2- 8x4- 4	2.28
12x24	1- 4x4- 8	1.45	20x30	2- 0x5- 8	2.12	28x24	2- 8x4- 8	2.38
12x26	1- 4x5- 0	1.52	20x32	2- 0x6- 0	2.20	28x26	2- 8x5- 0	2.45
12x28	1- 4x5- 4	1.59	20x34	2- 0x6- 4	2.64	28x28	2- 8x5- 4	2.57
12x30	1- 4x5- 8	1.75						
14x20	1- 6x4- 0	1.39	22x18	2- 2x3- 8	1.74	28x30	2- 8x5- 8	2.63
14x22	1- 6x4- 4	1.49	22x20	2- 2x4- 0	1.81	28x32	2- 8x6- 0	2.78
14x24	1- 6x4- 8	1.55	22x22	2- 2x4- 4	1.90	28x34	2- 8x6- 4	2.83
14x26	1- 6x5- 0	1.60	22x24	2- 2x4- 8	2.00	28x36	2- 8x6- 8	2.88
14x28	1- 6x5- 4	1.82	22x26	2- 2x5- 0	2.07			
14x30	1- 6x5- 8	1.90						
16x16	1- 8x3- 4	1.32	22x28	2- 2x5- 4	2.22	30x20	2-10x4- 0	2.23
16x18	1- 8x3- 8	1.40	22x30	2- 2x5- 8	2.38	30x22	2-10x4- 4	2.35
16x20	1- 8x4- 0	1.49	22x32	2- 2x6- 0	2.63	30x24	2-10x4- 8	2.48
16x22	1- 8x4- 4	1.59	22x34	2- 2x6- 4	2.69	30x26	2-10x5- 0	2.58
16x24	1- 8x4- 8	1.63	22x36	2- 2x6- 8	2.90	30x28	2-10x5- 4	2.66
16x26	1- 8x5- 0	1.85						
16x28	1- 8x5- 4	1.93	24x18	2- 4x3- 8	1.75	30x30	2-10x5- 8	2.99
16x30	1- 8x5- 8	2.01	24x20	2- 4x4- 0	1.81	30x32	2-10x6- 0	2.99
16x32	1- 8x6- 0	2.12	24x22	2- 4x4- 4	1.82	30x34	2-10x6- 4	3.03
16x34	1- 8x6- 4	2.22	24x24	2- 4x4- 8	2.00	30x36	2-10x6- 8	3.06
16x36	1- 8x6- 8	2.39	24x26	2- 4x5- 0	2.08			
18x20	1-10x4- 0	1.59	24x28	2- 4x5- 4	2.24	32x24	3- 0x4- 8	2.78
18x22	1-10x4- 4	1.79	24x30	2- 4x5- 8	2.38	32x26	3- 0x5- 0	2.83
18x24	1-10x4- 8	1.85	24x32	2- 4x6- 0	2.44	32x28	3- 0x5- 4	2.93
18x26	1-10x5- 0	1.96	24x34	2- 4x6- 4	2.50	32x30	3- 0x5- 8	2.97
18x28	1-10x5- 4	2.04	24x36	2- 4x6- 8	3.11	32x32	3- 0x6- 0	2.97
18x30	1-10x5- 8	2.19				32x36	3- 0x6- 8	2.76
18x32	1-10x6- 0	2.28	26x16	2- 6x3- 4	1.85	34x26	3- 2x5- 0	3.26
20x16	2- 0x3- 4	1.43	26x20	2- 6x4- 0	1.96	34x28	3- 2x5- 4	3.29
20x18	2- 0x3- 8	1.52	26x22	2- 6x4- 4	2.12	34x30	3- 2x5- 8	3.29
20x20	2- 0x4- 0	1.66	26x24	2- 6x4- 8	2.13			
20x22	2- 0x4- 4	1.85	26x26	2- 6x5- 0	2.22	36x24	3- 4x4- 8	2.91
20x24	2- 0x4- 8	1.86				36x26	3- 4x5- 0	2.99
			26x28	2- 6x5- 4	2.43	36x28	3- 4x5- 4	3.01
			26x30	2- 6x5- 8	2.64	36x30	3- 4x5- 8	3.50
			26x32	2- 6x6- 0	2.90	36x32	3- 4x6- 0	3.76
			26x34	2- 6x6- 4	3.26			
			26x36	2- 6x6- 8	3.28	40x26	3- 8x5- 0	3.66
						40x28	3- 8x5- 4	4.18

We can furnish above size storm sash changed to 4 lights, like our No. 10-A-91 below, at 50c per sash extra.



10-A-91 4-Light

4 Light Storm Sash

1½ inches thick, made from Clear Soft Pine and carried in stock in the following sizes, only:

Size of Glass Inches	Will Fill Opening Width Height ft. in. ft. in.	No. 10-A-91 Price Glazed
10x20	2- 1x4- 0	\$1.82
10x22	2- 1x4- 4	1.92
10x24	2- 1x4- 8	1.93
10x26	2- 1x5- 0	2.13
10x28	2- 1x5- 4	2.14
10x30	2- 1x5- 8	2.28
12x20	2- 5x4- 0	1.83
12x22	2- 5x4- 4	2.04
12x24	2- 5x4- 8	2.08
12x26	2- 5x5- 0	2.16
12x28	2- 5x5- 4	2.26
12x30	2- 5x5- 8	2.66
12x32	2- 5x6- 0	2.95
12x34	2- 5x6- 4	3.06
12x36	2- 5x6- 8	3.18
14x20	2- 9x4- 0	2.15
14x22	2- 9x4- 4	2.34
14x24	2- 9x4- 8	2.35
14x26	2- 9x5- 0	2.72
14x28	2- 9x5- 4	2.73
14x30	2- 9x5- 8	2.92
14x32	2- 9x6- 0	3.11
14x34	2- 9x6- 4	3.41
14x36	2- 9x6- 8	3.58
15x30	2-11x5- 8	3.19
15x32	2-11x6- 0	3.41

8 Light Storm Sash

1½ inches thick, made from Clear Soft Pine and carried in stock in the following sizes, only:

Size of Glass Inches	Will Fill Opening Width Height ft. in. ft. in.	No. 10-A-93 Price Glazed
8x10	1- 9x3-11½	\$1.58
9x12	1-11x4- 7½	1.81
9x14	1-11x5- 3½	1.96
10x12	2- 1x4- 7½	1.81
10x14	2- 1x5- 3½	2.05
10x16	2- 1x5-11½	2.39
12x14	2- 5x5- 3½	2.27
12x16	2- 5x5-11½	2.64
14x16	2- 9x5-11½	2.88



10-A-93 8-Light



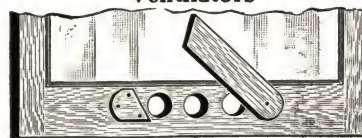
10-A-92 12-Light

12 Light Storm Sash

1½ inches thick, made from Clear Soft Pine and carried in stock in the following sizes, only:

Size of Glass Inches	Will Fill Opening Width Height ft. in. ft. in.	No. 10-A-92 Price Glazed
8x10	2- 4½x3-11½	\$1.86
8x12	2- 4½x4- 7½	2.08
9x12	2- 7½x4- 7½	2.22
9x14	2- 7½x5- 3½	2.50
10x12	2-10½x4- 7½	2.30
10x14	2-10½x5- 3½	2.51
10x16	2-10½x5-11½	3.11
12x14	3- 4½x5- 3½	3.19
12x16	3- 4½x5-11½	3.62
12x18	3- 4½x6- 7½	3.96

Ventilators



Storm sash can be furnished with ventilators at the bottom, if desired. If you want them, be sure to specify so on your order and add 20c to the price of each sash.

Sash Buttons



10-A-3655. Buttons. Japanned. Length 1½ inches. Including screws. Per dozen..... 15c

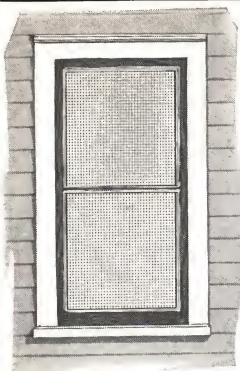
Storm Sash Hangers and Fasteners



10-A-2005. Storm Sash Hanger. Works like a hinge, one on each corner at top. Simplest contrivance ever devised. Per pair, including screws... 8c

10-A-2007. Set of Hangers and Fasteners; including screws. Special Price..... 20c

10-A-2006. Adjustable Fastener. Sash swing out, when closed the extension bar turns in and lies flat against side rail of sash, forming a perfect lock, prevents rattling, holds sash tight against window frame. Per pair, including screws... 15c



FULL HEIGHT WINDOW SCREENS STOCK SIZES

CLEAR WHITE PINE—1 1/8 INCH THICK —PAINTED BLACK
Our Own Manufacture—Best Quality—Lowest Prices

NOW! Galvanized Wire Screens at Black Wire Prices!

Why can we furnish a fine No. 14 Mesh Galvanized Wire Screen at the same price as the old time coarse (No. 12) mesh Black Wire Screen?

Because the cost of manufacturing any screen is mostly labor—with the latest improved labor saving machinery in our Screen Factory and manufacturing them ourselves in tremendous quantities during otherwise dull months, and making the woodwork out of our own lumber—Clear White Pine—using automatic tackers, staplers and stretchers and specializing on galvanized wire, enables us to offer you these superior screens at prices as low or lower than those asked for the cheapest kind of screens on the market. Special sizes and made to order screens are not subject to exchange or cancellation. The capacity of our own factory here is over 1000 screens per day.

Read the Specifications for These Better Screens

Full size screens listed below and any that may be made to order are made of clear WHITE PINE LUMBER 1 1/8 inches thick side and top members 2 inches wide, bottom member 3 inches wide, center bar 1 1/8 inches wide.

Ours is a moulded screen: that is, the woodwork is neatly moulded so that the finished work is much superior in appearance to the ordinary square stock screen. We drum stretch all our wire with patent stretching machines and fasten same with patented staples. These staples hold down three or four wires each and are much superior to ordinary tacks.

FINE MESH WIRE. No. 14 mesh (14 wires to the inch both ways; 28 wires to the square inch) wire only is used on our Galvanized Screens and No. 16 mesh (a still finer mesh) on the Copper Bronze Screens; so do not confuse these screens with cheaply made 12 mesh loosely tacked and stretched screens.

PAINT. All our Screen Frames are painted black with a good quality specially prepared semi-gloss enamel—this alone saves you 25c to 50c per screen and all the muss and dirt of painting. However screens can be furnished unpainted—price will be the same—but it will take a little longer to fill your order, as they are not carried in stock unpainted.

Size of Screen Over All Measurement		Galvanized Wire 14 mesh 10-A-528	Copper Wire 16 mesh 10-A-529	Size of Screen Over All Measurement		Galvanized Wire 14 mesh 10-A-528	Copper Wire 16 mesh 10-A-529	Size of Screen Over All Measurement		Galvanized Wire 14 mesh 10-A-528	Copper Wire 16 mesh 10-A-529
Width Ft. In.	Ht. Ft. In.	Price Each	Price Each	Width Ft. In.	Ht. Ft. In.	Price Each	Price Each	Width Ft. In.	Ht. Ft. In.	Price Each	Price Each
1-4x3-11 1/2		\$1.09	\$1.65	2-2x3-11 1/2		\$1.33	\$1.99	2-9x3-11 1/2		\$1.49	\$2.24
1-4x4-7 1/2		1.17	1.75	2-2x4-7 1/2		1.46	2.19	2-9x4-3 1/2		1.55	2.33
1-4x4-11 1/2		1.23	1.85	2-2x4-11 1/2		1.52	2.28	2-9x4-7 1/2		1.65	2.43
1-4x5-3 1/2		1.26	1.90	2-2x5-3 1/2		1.59	2.36	2-9x5-11 1/2		1.78	2.67
1-4x5-7 1/2		1.30	1.95	2-2x5-7 1/2		1.62	2.43	2-9x5-7 1/2		1.85	2.77
1-6x3-11 1/2		1.14	1.70	2-4x3-7 1/2		1.33	1.99	2-9x5-11 1/2		1.91	2.87
1-6x4-7 1/2		1.23	1.85	2-4x3-11 1/2		1.39	2.09	2-9x6-3 1/2		1.98	2.97
1-6x5-3 1/2		1.33	1.99	2-4x4-3 1/2		1.46	2.10	2-9x6-7 1/2		2.04	3.06
1-8x3-11 1/2		1.20	1.80	2-4x4-7 1/2		1.52	2.20	2-10x4-7 1/2		1.69	2.53
1-8x4-7 1/2		1.30	1.95	2-4x4-11 1/2		1.59	2.29	2-10x4-11 1/2		1.75	2.63
1-8x4-11 1/2		1.33	1.99	2-4x5-3 1/2		1.65	2.48	2-10x5-3 1/2		1.82	2.72
1-8x5-3 1/2		1.39	2.09	2-4x5-7 1/2		1.69	2.53	2-10x5-7 1/2		1.88	2.82
1-8x5-7 1/2		1.43	2.14	2-4x5-11 1/2		1.75	2.63	2-10x5-11 1/2		1.98	2.97
1-10x3-11 1/2		1.23	1.85	2-5x3-11 1/2		1.39	2.09	2-10x6-3 1/2		2.04	3.06
1-10x4-7 1/2		1.33	1.99	2-5x4-7 1/2		1.59	2.29	3-0x4-7 1/2		1.75	2.63
1-10x4-11 1/2		1.39	2.09	2-5x4-11 1/2		1.59	2.29	3-0x4-11 1/2		1.82	2.72
1-10x5-3 1/2		1.46	2.19	2-5x5-3 1/2		1.65	2.48	3-0x5-3 1/2		1.88	2.82
1-10x5-7 1/2		1.49	2.24	2-5x5-7 1/2		1.72	2.58	3-0x5-7 1/2		1.94	2.92
2-0x3-11 1/2		1.30	1.95	2-5x5-11 1/2		1.78	2.67	3-0x5-11 1/2		2.04	3.06
2-0x4-3 1/2		1.33	1.99	2-6x3-3 1/2		1.32	1.97	3-4x4-7 1/2		1.85	2.77
2-0x4-7 1/2		1.39	2.09	2-6x3-11 1/2		1.43	2.14	3-4x4-11 1/2		1.91	2.87
2-0x4-11 1/2		1.46	2.19	2-6x4-3 1/2		1.49	2.24	3-4x5-3 1/2		2.01	3.01
2-0x5-3 1/2		1.52	2.28	2-6x4-7 1/2		1.56	2.33	3-4x5-7 1/2		2.07	3.11
2-0x5-7 1/2		1.56	2.33	2-6x4-11 1/2		1.62	2.43	3-4x5-11 1/2		2.17	3.26
2-0x5-11 1/2		1.62	2.39	2-6x5-3 1/2		1.69	2.53	3-8x4-7 1/2		1.95	2.92
2-1x3-11 1/2		1.30	1.95	2-6x5-7 1/2		1.75	2.63	3-8x4-11 1/2		2.01	3.01
2-1x4-7 1/2		1.43	2.14	2-6x5-11 1/2		1.82	2.72	3-8x5-3 1/2		2.11	3.16
2-1x4-11 1/2		1.46	2.19	2-8x3-11 1/2		1.49	2.24	3-8x5-7 1/2		2.20	3.31
2-1x5-3 1/2		1.52	2.29	2-8x4-7 1/2		1.62	2.43	3-8x5-11 1/2		2.27	3.40
2-1x5-7 1/2		1.59	2.38	2-8x5-3 1/2		1.69	2.53	4-0x5-3 1/2		2.20	3.31
				2-8x5-7 1/2		1.75	2.63	4-0x5-7 1/2		2.33	3.50
				2-8x5-11 1/2		1.91	2.87				

Be sure to Specify Kind of Wire

SPECIAL SIZES MADE TO ORDER

Special sizes other than those listed above will be made to order of the same kind of material and manufactured so that all screens will match. AT 35c EXTRA PER SCREEN to be added to the price of the next largest stock size screen listed above.



10-A-508

Finest Quality Sliding Half-Height Window Screens

MADE TO ORDER—QUICK SERVICE
(NOT ADJUSTABLE)

Manufactured from clear WHITE PINE LUMBER: 1 inch stock, finished 3/4 inch net. Tenoned and mortised joints, mitred moulding, drum stretched wire and tacked with patented staples. A real screen.

Furnished Painted Black, but can be had in the natural wood unpainted, if so ordered—same price.

When ordering give WIDTH first. For these half-height Screens, measure the width between blind stops (the outside wood strips that hold the upper sash in place) the height measure should be the distance from the sill to the top of bottom sash.

Price includes "slides" or tongue strips which are nailed on the blind stop for screen to slide up and down on. Screen lift handle included in price.

Please Note: When ordering Screens, always give the WIDTH FIRST; HEIGHT NEXT and THEN THE THICKNESS. Made to order or special screens are not subject to cancellation or exchange. A variation of 1/8 inch over in size permitted on all screens.

PRICES INCLUDE SLIDES
AND HANDLE

Over All SIZE	14 Mesh Galvanized Wire	16 Mesh Copper Bronze Wire
Any Size up to and including	10-A-508 Price Each	10-A-509 Price Each
2'0" x 2'6"	\$0.95	\$1.43
2'6" x 3'0"	1.17	1.76
3'0" x 3'0"	1.29	1.94
3'6" x 3'0"	1.47	2.21
4'0" x 3'6"	1.55	2.33

PORCH SCREENS LARGER THAN STOCK SIZES LISTED ON PAGE 34

Porch screens to match our regular Stock sizes and quality will be made to order at the following prices: 1 1/8 inches THICK.

CAT. NO.	KIND OF WIRE	Price per sq. ft.
10-A-558	14 Mesh Galvanized	16c
10-A-559	16 Mesh Cop. Bronze	24c

NO PORCH SCREEN MADE FOR LESS THAN \$1.50

Porch Screens shorter than six foot use price of full height window screens per above, but specify for porch.

CELLAR AND TRANSOM SCREENS

Cellar and Transom Screens to match our stock size and quality Screens will be made to order at the following prices: 1 1/8 inches THICK.

Over All Size	14 Mesh Galvanized Wire	16 Mesh Cop. Bronze Wire
Any Size up to and including	10-A-518 Price, Each	10-A-519 Price, Each
3'0" x 2'0"	\$1.20	\$1.80
3'0" x 3'0"	1.60	2.40

ALWAYS GIVE WIDTH FIRST

SCREEN DOORS: FINEST DOORS MADE

Galvanized or Copper Bronze Wire

Galvanized Wire at Black Wire Prices

See Page 46 for Additional Screen Information

Be Sure and specify the kind of wire when ordering

"FLORIDA" SCREEN DOOR

Made of clear WHITE PINE LUMBER, 1½ inches thick, clear and free of all defects. All joints mortised, tenoned, pinned and glued. Wire is drum stretched and securely tacked. Framework neatly moulded and painted with one coat of good black paint. Door is ready to fit and hang and you are saved the expense and muss of painting.

Size of Door	14 Mesh Galvanized Wire	16 Mesh Copper Wire
Width Ft. In. Height Ft. In.	10-A-538 Price Each	10-A-539 Price Each
2- 6½x6- 7½	\$2.62	\$3.79
2- 8½x6- 9½	2.74	3.97
2-10½x6- 9½	2.79	4.04
2-10½x6-11½	2.86	4.14
2- 8½x7-1½	2.82	4.09
2-10½x7-1½	2.91	4.22
3- 0½x7-1½	2.96	4.29

"MOBILE" SCREEN DOOR

Made of clear WHITE PINE LUMBER, 1½ inches thick, no knots or defects, best workmanship. Joints mortised, tenoned, glued and pinned. Wire is drum stretched and securely tacked. Framework is neatly moulded and covered with two coats of waterproof varnish—over the natural wood finish. No additional paint or varnish is necessary. Doors are ready to fit and hang.

Size of Door	14 Mesh Galvanized Wire	16 Mesh Copper Wire
Width Ft. In. Height Ft. In.	10-A-568 Price Each	10-A-569 Price Each
2- 6½x6- 7½	\$3.47	\$4.68
2- 8½x6- 9½	3.60	4.87
3- 0½x6- 9½	3.93	5.30
2-10½x6-11½	3.79	5.11
2- 8½x7-1½	3.72	5.02
2-10½x7-1½	3.84	5.18
3- 0½x7-1½	3.95	5.32

"FLORIDA" 10-A-538

All screen doors are made "oversize" to allow for fitting

"MOBILE" 10-A-568

MODERN ART GLASS

In selecting art glass be careful to choose a shape and design of the same proportion as the opening.

Do not pick out a high narrow design for a wide opening or a wide design for a high narrow opening.

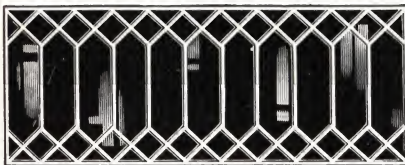
10-A-702

Double strength Florentine design frosted glass per square foot.....25¢

Three square feet is the minimum order that we can handle to advantage for you. For sizes under 3 square feet, a minimum of 3 square feet will be charged.

10-A-704

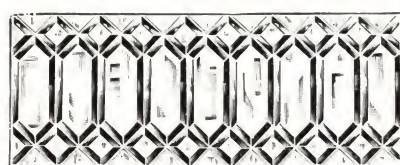
Double strength chipped design frosted glass per square foot.....45¢



10-A-1541. Leaded clear sheet crystal glass per square foot.....\$1.05



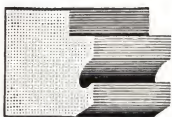
10-A-1548. Leaded clear sheet crystal glass per square foot.....\$1.15



10-A-1550. Beautiful leaded beveled plate glass per square foot.....\$2.80

Green House Sash Bars

CLEAR SOFT FIR



END SASH BAR
10-A-8436

Used at end. Has only one square shoulder for glass to rest upon. Size 1½x2½. Price 100 running feet.....\$4.90



INSIDE SASH BAR
10-A-8435

Used between Glass. Size, 1½x2½. Price, per 100 running feet.....\$4.90

Hot Bed Glass!

High Grade Greenhouse and Hotbed Glass packed expressly for our trade. The sizes listed below represent only a few of the best sellers. We carry a large stock of glass for prompt shipment. Get our prices before you buy.

Standard quality. Large stock on hand. Packed strong. Safe delivery guaranteed.

Lot Number	Size Inches	Price Per Box	No. Lights in Box
10-A-1707.	7x 9	\$3.65	114
10-A-1708.	8x10	3.75	90
10-A-1709.	9x12	3.95	67
10-A-1710.	10x14	4.05	51
10-A-1711.	16x18	4.29	25

Hot Bed Sash

Regular and Garden Sizes

CLEAR WHITE PINE
Improved 4 Row Type
Featuring:

Four rows of glass.
Extra strong bars.
All joints extra strong, mortised and tenoned.
Standard size glass (costs less to replace).
Glass set by hand.
Best linseed oil putty.
Large triangular zinc glazing points.
Extra size tacks to hold glass in place.
Extra deep rabbet.

Wood—Clear, well seasoned, close-grain White Pine.

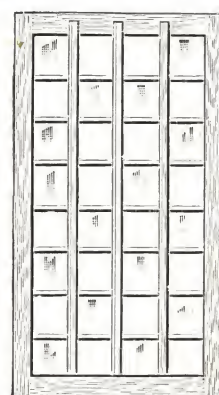
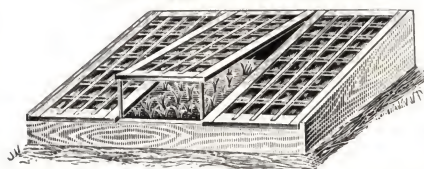
Strengthened by heavy brads.

Largest number of strength-giving qualities.

Smallest number of shadow-casting bracing devices.

Quick shipment from Chicago.

Strength Guaranteed



HOT BED SASH

Regular Size

3 feet by 6 feet by 1½ inch thick

10-A-1702. Glazed with 7x9 glass.
Each.....\$3.33

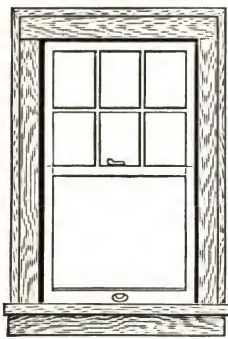
Garden Size

3 feet by 3 feet by 1½ inch thick

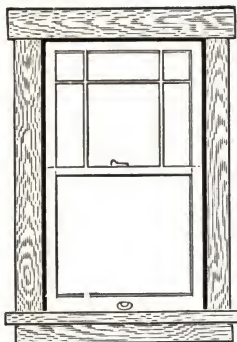
10-A-1755. Glazed with 7x9 glass.
Each.....\$2.29

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

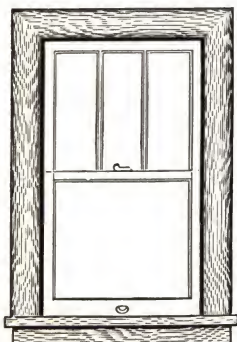
No Waste Window and Door Trim



**"Back Band"
Door and Window
Trim**



**"Mission"
Door and Window
Trim**



**"Mitered Round
Edge" Casing
Door and Window
Trim**



Made of finest selected mouldings clear and smooth. No waste when you order inside trim from these pages and no chance of mistakes. Saves much time and expense. Cut to lengths with liberal allowance for fitting on the job. Do not overlook to order **two sets** of trim for inside doors, one for each side and one set for outside doors and windows. **Stops or jambs are not included with door trim sets; they must be ordered separate.** For Stops see below, for Jambs see page 22.

If the size you require is not listed, allow price of next larger size. For Mullion and triple window trim sets allow 2 and 3 times the price of single window trim; 5 $\frac{1}{4}$ inches center Casing will be furnished.

BACK BAND DOOR TRIM

The Back Band Trim shown is one of the styles of handsome trim used in our Harris Homes—a modern trim easy for the carpenter to apply and easy for the housewife to keep clean.

Any size door opening up to and including
Width Height
ft. in. ft. in.

		Each set consists of $\frac{3}{4}$ x3 $\frac{1}{2}$ in. Casing No. 1000, 1 $\frac{1}{8}$ x1 $\frac{1}{2}$ Back Band No. 1002. For stops see below.			
10-A-1007 X	10-A-1008 X	10-A-1009 X	10-A-1010 X		
Yellow Pine	Fir	Red Oak	Birch		
2-8 x 6-8	\$1.35	\$1.45	\$2.30	\$2.50	
3-0 x 7-0	1.47	1.58	2.50	2.72	
5-0 x 7-0	1.61	1.73	2.75	2.99	
8-0 x 8-0	1.94	2.08	3.29	3.58	

BACK BAND WINDOW TRIM

Any size window opening up to and including
Width Height
ft. in. ft. in.

		Each set consists of $\frac{3}{4}$ x3 $\frac{1}{2}$ in. Casing No. 1000, 1 $\frac{1}{8}$ x1 $\frac{1}{2}$ Back Band No. 1002, Stool No. 8267, Apron No. 8379 and O. G. Stops.			
10-A-1013 X	10-A-1014 X	10-A-1015 X	10-A-1016 X		
Yellow Pine	Fir	Red Oak	Birch		
2-4 x 3-10	\$1.42	\$1.52	\$2.40	\$2.61	
2-4 x 4-10	1.59	1.70	2.69	2.93	
2-4 x 5-10	1.76	1.88	2.98	3.24	
3-0 x 3-10	1.56	1.66	2.63	2.86	
3-0 x 4-10	1.73	1.84	2.91	3.17	
3-0 x 5-10	1.90	2.03	3.20	3.49	
4-0 x 5-10	2.14	2.29	3.61	3.93	

MISSION DOOR TRIM

To those who fancy a plain trim, we recommend our Mission Style. When used with our Seattle or Olympia Door, it is considered a harmonizing design.

Any size door opening up to and including
Width Height
ft. in. ft. in.

		Each set consists of $\frac{3}{4}$ x3 $\frac{1}{2}$ in. Casing No. 1000, $\frac{1}{8}$ x4 $\frac{1}{2}$ Head Casing, No. 134 Base Blocks. For stops see below.			
10-A-1908 X	10-A-1909 X	10-A-1910 X	10-A-1911 X		
Yellow Pine	Fir	Red Oak	Birch		
2-8 x 6-8	\$0.97	\$1.05	\$1.66	\$1.84	
3-0 x 7-0	1.09	1.18	1.87	2.07	
5-0 x 7-0	1.21	1.30	2.06	2.27	
8-0 x 8-0	1.47	1.58	2.50	2.76	

MISSION WINDOW TRIM

Any size window opening up to and including
Width Height
ft. in. ft. in.

		Each set consists of $\frac{3}{4}$ x3 $\frac{1}{2}$ in. Casing No. 1000, $\frac{1}{8}$ x4 $\frac{1}{2}$ Head Casing, Stool No. 8267, Apron No. 8379 and O. G. Stops.			
10-A-1912 X	10-A-1913 X	10-A-1914 X	10-A-1915 X		
Yellow Pine	Fir	Red Oak	Birch		
2-0 x 3-10	\$1.03	\$1.10	\$1.74	\$1.89	
2-0 x 4-10	1.25	1.32	2.10	2.28	
2-8 x 3-10	1.13	1.21	1.90	2.07	
2-8 x 4-10	1.24	1.33	2.10	2.28	
2-8 x 5-10	1.36	1.46	2.29	2.50	
3-2 x 4-10	1.34	1.43	2.26	2.46	
3-2 x 5-10	1.46	1.56	2.45	2.67	
4-0 x 5-10	1.68	1.80	2.83	3.09	

ROUND EDGE MITERED DOOR AND WINDOW TRIM

Our Mitered Round Edge Trim, like our Back Band Trim, is of the sanitary style and when nicely finished, it makes a very pretty interior trim.

Any size door opening up to and including
Width Height
ft. in. ft. in.

		Set consists of R. E. Casing No. 8309 and Base Blocks No. 144. For stops see below.		Any size window opening up to and including Width Height ft. in. ft. in.		Set consists of R. E. Casing No. 8309 Stool No. 8267 Apron No. 8379, O. G. Stops	
10-A-2033 X	10-A-2034 X	10-A-2035 X	10-A-2036 X	10-A-2037 X	10-A-2038 X	10-A-2039 X	10-A-2040 X
Yellow Pine	Yellow Pine	Yellow Pine	Yellow Pine	Yellow Pine	Yellow Pine	Yellow Pine	Yellow Pine
2-0 x 7-0	\$1.18			2-0 x 4-6	\$1.24		
2-8 x 7-0	1.22			2-6 x 4-6	1.34		
3-0 x 7-0	1.24			2-6 x 5-6	1.47		
5-0 x 7-0	1.36			3-0 x 4-6	1.43		
8-0 x 8-0	1.64			3-0 x 5-6	1.57		

O. G. DOOR STOPS

One set of Door Stops is needed for each inside door. Prices are for Stops No. 8085. Price per set.

		10-A-8951	10-A-8952	10-A-8953	10-A-8954
		Yellow Pine	Fir	Red Oak	Birch
Width Height ft. in. ft. in.					
2-8 x 6-8		\$0.25	\$0.27	\$0.42	\$0.45
3-0 x 7-0		.27	.30	.47	.50
5-0 x 7-0		.32	.34	.54	.58

Yellow Pine, Fir, Oak and Birch

Cut to lengths with liberal allowance for fitting on the job. Don't forget to order two sets of trim for inside doors, one for each side and one set for outside doors and windows. Stops are not included with door trim sets; they must be ordered separate.

If the size you require is not listed, allow price of next larger size. For mullion and triple window trim sets allow 2 and 3 times the price of single window trim; 5 1/4 inch Center Casing will be furnished.

THREE MEMBER CAP DOOR TRIM

Our Three Member Cap Trim illustrated is a standard style used in many homes today. It is always impressive, regardless of what style door it is used with.

Any size door opening up to and including Width Height ft. in. ft. in.	Each set consists of 3/4x4 1/4 inch Casing No. 8309. Three Member Cap and Base Blocks No. 144. For Stops see below.				
	10-A-914x Yellow Pine	10-A-925x Fir	10-A-916x Red Oak	10-A-917x Birch	
2-8 x 6-8	\$1.39	\$1.50	\$2.38	\$2.63	
3-0 x 7-0	1.55	1.66	2.63	2.90	
5-0 x 7-0	1.79	1.92	3.04	3.34	
8-0 x 8-0	2.26	2.42	3.83	4.21	

THREE MEMBER CAP WINDOW TRIM

Any size window opening up to and including Width Height ft. in. ft. in.	Each set consists of 3/4x4 1/4 inch Casing No. 8309. Three Member Cap, Stool No. 8267, Apron No. 8379 and O. G. Stops.				
	10-A-988x Yellow Pine	10-A-982x Fir	10-A-990x Red Oak	10-A-991x Birch	
2-4 x 3-10	\$1.44	\$1.54	\$2.43	\$2.65	
2-4 x 4-10	1.58	1.68	2.65	2.89	
2-4 x 5-10	1.72	1.83	2.88	3.14	
3-0 x 3-10	1.60	1.71	2.69	2.90	
3-0 x 4-10	1.73	1.85	2.92	3.18	
3-0 x 5-10	1.87	2.00	3.14	3.43	
4-0 x 5-10	2.17	2.32	3.65	3.97	

CHAMFERED HEAD DOOR TRIM

It is hard to choose a more attractive design than our Chamfered Head Interior Trim. We recommend this trim for high grade homes.

Any size door opening up to and including Width Height ft. in. ft. in.	Each set consists of 3/4x3 1/2 inch Square Edge Casing No. 1000. 1/2x5 1/2 Chamfered Head and Base Blocks No. 134. For Stops see below.				
	10-A-2234x Yellow Pine	10-A-2235x Fir	10-A-2236x Red Oak	10-A-2237x Birch	
2-8 x 6-8	\$1.42	\$1.52	\$2.33	\$2.53	
3-0 x 7-0	1.56	1.66	2.57	2.80	
5-0 x 7-0	1.71	1.82	2.82	3.07	
8-0 x 8-0	2.10	2.24	3.48	3.36	

CHAMFERED HEAD WINDOW TRIM

Any size window opening up to and including Width Height ft. in. ft. in.	Each set consists of 3/4x3 1/2 inch Square Edge Casing No. 1000. 1/2x5 1/2 Chamfered Head, Stool No. 8267, Apron No. 8379 and O. G. Stops.				
	10-A-3940x Yellow Pine	10-A-3941x Fir	10-A-3942x Red Oak	10-A-3943x Birch	
2-0 x 3-10	\$1.46	\$1.54	\$2.37	\$2.55	
2-0 x 4-10	1.57	1.66	2.57	2.76	
2-8 x 3-10	1.58	1.67	2.58	2.77	
2-8 x 4-10	1.69	1.79	2.77	2.98	
2-8 x 5-10	1.81	1.92	2.97	3.19	
3-2 x 4-10	1.75	1.85	2.86	3.08	
3-2 x 5-10	1.93	2.04	3.16	3.41	
4-0 x 5-10	2.16	2.29	3.56	3.82	

O. G. MITERED DOOR AND WINDOW TRIM

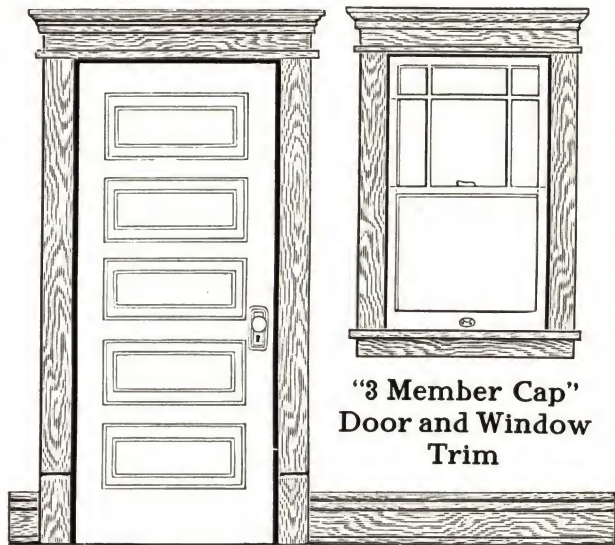
Our O. G. Trim is a simple design used most where economy and practicability is the watchword. When carefully fitted and finished, makes an attractive trim.

Any size door opening up to and including Width Height ft. in. ft. in.	Each set consists of 3/4x4 1/4 inch O.G. Casing No. 8384. For Stops see below.	Any size window opening up to and including Width Height ft. in. ft. in.	Each set consists of O. G. Casing No. 8384, Stool No. 8267, Apron No. 8379 and O. G. Stops.
	10-A-975x Yellow Pine		10-A-977x Yellow Pine
2-6 x 6-6	\$0.99	2-0 x 4-6	\$1.24
2-8 x 7-0	1.10	2-6 x 4-6	1.34
3-0 x 7-0	1.13	2-6 x 5-6	1.47
5-0 x 7-0	1.24	3-0 x 4-6	1.43
8-0 x 8-0	1.52	3-0 x 5-6	1.57

O. G. DOOR STOPS

One set of Door Stops is needed for each inside door. Prices are for Stops No. 8085. Price per set.

Width Height ft. in. ft. in.	10-A-8951x Yellow Pine	10-A-8952x Fir	10-A-8953x Red Oak	10-A-8954x Birch
2-8 x 6-8	\$0.25	\$0.27	\$0.42	\$0.45
3-0 x 7-0	.27	.30	.47	.60
5-0 x 7-0	.32	.32	.54	.58



"3 Member Cap"
Door and Window
Trim

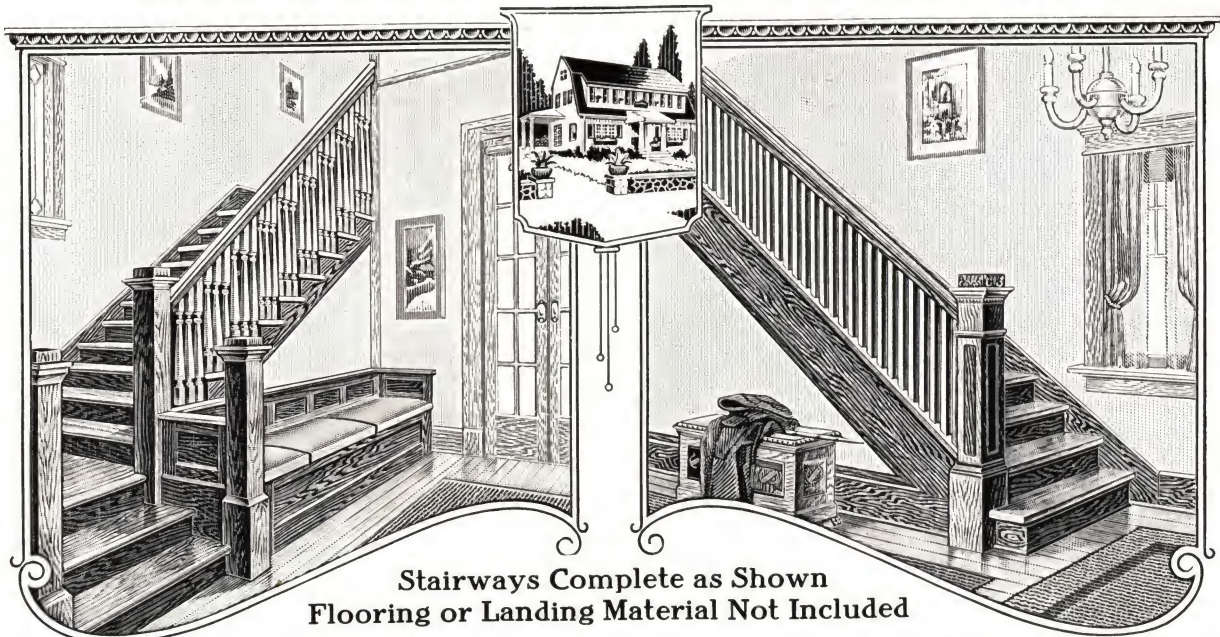


"Chamfered
Head"
Door and Window
Trim



"OG"
Door and Window
Trim

ATTRACTIVE INTERIOR STAIRWAYS



**Stairways Complete as Shown
Flooring or Landing Material Not Included**

The interior stairways shown on this and the opposite page are but four of numerous designs which we can furnish. We have found these to be the most popular and keep ample stock of all materials going into their construction on hand for quick shipment in oak and yellow pine. All carefully selected, clear stock, smoothly machined and ready for oil, stain, paint or enamel. No balustrade for second floor included.

Material for Stairway Above

All material to complete the stairway above furnished as follows:
For stairway opening 3 feet wide; height from finished first floor to finished second floor about 9 feet.

15 Risers, 3 feet	120 Lineal feet, 1 1/4 inch, No. 652
13 Treads, 3 feet	24 Lineal feet Wall Mold
2 Starting Newels, No. 206	10 Lineal feet Return Nosing
2 Angle Newels, No. 128	60 Stair Wedges
2 Stringers, 16 feet	4 Box
2 Landing Treads	60 Lineal feet Cove
14 Lineal feet Rail, No. 2047	
	Stringers not Housed
10-A-695. Price, Yellow Pine	\$45.28
10-A-696. Price, Red Oak...	60.93
	Stringers Housed
	\$55.73
	73.43

Material for Stairway Above

All material to complete the stairway above furnished as follows:
For stairway opening 3 feet wide; height from finished first floor to finished second floor about 9 feet.

3 Stringers, 16 feet	14 Lineal feet Shoe, No. 157
15 Risers, 3 feet	14 Lineal feet Fillet, No. 158
14 Treads, 3 feet	120 Lineal feet, 1 1/4 x 1 1/4 inch, No. 652
1 Landing Tread	40 Lineal feet Wall Mold
1 Starting Newel, No. 124	10 Lineal feet Return Nosing
1 Landing Newel, No. 128	70 Lineal feet Cove
14 Lineal feet Rail, No. 2047	60 Wedges
	Stringers not Housed
10-A-697. Price, Yellow Pine	\$39.56
10-A-698. Price, Red Oak...	61.54
	Stringers Housed
	\$48.75
	73.50

NEWELS AND STOCK STAIRWAY MATERIALS



10-A-128
Angle or
Landing Newel

Angle or Landing Newels
5-inch square Angle Newel, 5 feet 6 inches long, can be cut down to use as landing or starting newels.

Prices of Angle Newels	
10-A-128	Price, each
Yellow Pine.....	\$3.50
Plain Oak.....	4.70



10-A-124
Main Newel

Main Newels
Artistic and Exclusive Designs, 8 inches at Base, 6 inch Shaft, 4 feet long, extra long base.

10-A-124	Price, each
Yellow Pine.....	\$5.85
Plain Oak.....	7.40
10-A-206	Price, each
Yellow Pine.....	\$4.75
Plain Oak.....	5.45



10-A-206
Main Newel



Round Hand Rail

10-A-670. Rail, 1 1/2 x 1 3/4 inches.	Price, Yellow Pine, per foot.....	8c
10-A-676. Rail, 1 1/2 x 1 3/4 inches.	Price, Plain Oak, per foot.....	12c



Landing Nosing

10-A-8262. Size, 1 1/2 x 2 1/4 inches.	Price, per 100 lineal feet.
Yellow Pine.....	\$4.10
Plain Red Oak.....	6.85



Return Nosing

10-A-8262 1/2. Size, 1 1/2 x 1 3/4 inches.	Price, per 100 lineal feet.
Yellow Pine.....	\$2.90
Oak.....	4.80

Stair Stringers and Wall Mould

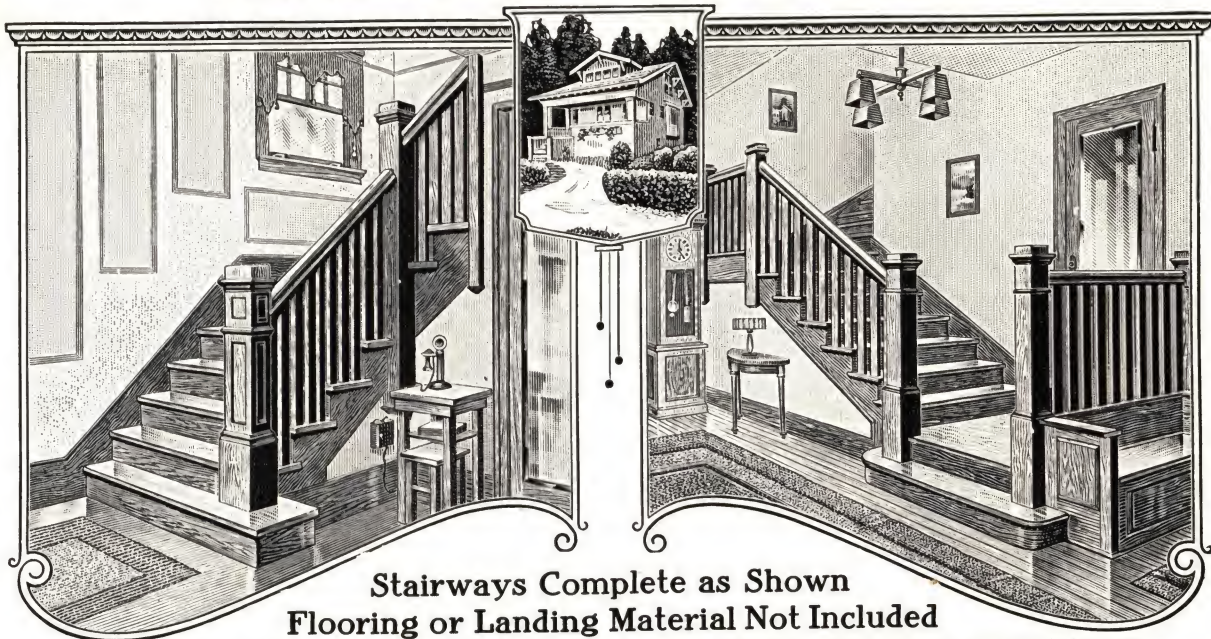
Prices per 100 Lineal Feet

	Size	Wood	Price
10-A-654.	Wallmold..... 3/4 x 1 3/8	Y. P.	\$ 1.60
10-A-655.	Wallmold..... 3/4 x 1 3/8	Oak	2.65
10-A-656.	Stringer..... 1 x 10	Y. P.	9.50
10-A-678 1/2.	Stringer..... 1 x 12	Y. P.	13.50
10-A-657.	Stringer..... 1 x 10	Oak	17.00
10-A-679 1/2.	Stringer..... 1 x 12	Oak	21.75

Wall
Mould
and
Stair
Stringe



FOR MODERN AMERICAN HOMES



Stairways Complete as Shown Flooring or Landing Material Not Included

Any one of the elegant interior stairways illustrated on these pages are furnished complete to you at a surprisingly low cost. After you have decided upon the style you wish, simply make a rough pencil sketch of the opening in your building allowed for stairway, showing the width between finished walls and the height from finished first floor to finished second floor. With this information, we will be able to tell you exactly what the stairway for your building will cost you. No balustrade for second floor included.

Material for Stairway Above

All material to complete the stairway above furnished as follows:
For stairway opening 3 ft. wide; height from finished first floor to finished second floor about 9 ft.

2 Stringers, 16 feet	1/2 Angle Newel
15 Risers	120 Lin. feet, 1 1/2 x 1 1/2 inch No. 652
13 Treads	14 Lineal feet Rail No. 2047
1 Square End Step	1 Piece Return Nosing, 10 feet
2 Landing Treads	60 Wedges
1 Starting Newel No. 124	60 Lineal feet Cove
1 Angle Newel No. 128	40 Lineal feet Wall Mold

Stringers not Housed

Stringers Housed

10-A-856 Price, Yellow Pine.....	\$42.99	\$55.58
10-A-857 Price, Red Oak.....	65.43	79.28

Material for Stairway Above

All material to complete the stairway above furnished as follows:
For stairway opening 3 ft. wide; height from finished first floor to finished second floor about 9 ft.

2 Stringers, 16 feet	1/2 Angle Newel
15 Risers	40 Lineal feet Wall Mold
12 Treads	60 Lineal feet Cove
1 Double End Tread	60 Wedges
2 Landing Treads	10 Lineal feet Return Nosing
2 Starting Newels No. 206	10 Lineal feet Rail No. 2047
1/2 Starting Newel	120 Lineal feet, 1 1/2 x 1 1/2 inch No. 652
1 Angle Newel No. 128	

Stringers not Housed

Stringers Housed

10-A-858 Price, Yellow Pine.....	\$58.33	\$72.87
10-A-859 Price, Red Oak.....	80.31	97.56

YOUR CHOICE OF OAK OR YELLOW PINE



Stair Balusters

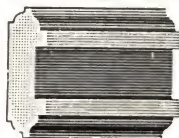
1 1/4 inches thick, 28 or 32 inches long.

10-A-118 10-A-652

PRICE EACH CUT TO LENGTH

Cat. No.	Length 28 Inches	Length 32 Inches
1 1/4 ins. thick	Y.-P. Oak	Y.-P. Oak
10-A-118	\$0.25 \$0.36	\$0.27 \$0.39
10-A-652	.20 .33	.22 .36

Stair Shoe and Fillet



3/4 x 2 3/4 inches
10-A-157. Rab-
beted Shoe. Per
lineal foot.
Yellow Pine... 3c
Oak..... 5 1/2c

Be sure to specify size of rabbet or balusters when ordering above.

3/4 x 1 3/4 inches.
10-A-158. Fillet.
Per lineal foot.
Yellow Pine... 2c
Oak..... 3c

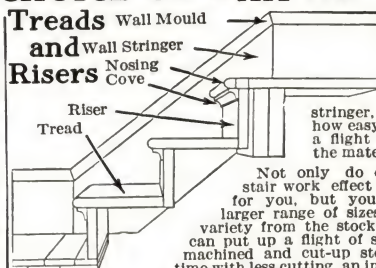


Illustration to the left shows a sectional view of our stair treads, risers, stringer, etc., showing how easy it is to put up a flight of stairs from the material we quote.

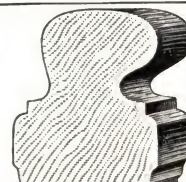
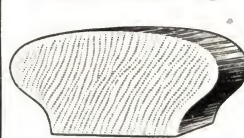
Not only do our prices on stair work effect a great saving for you, but you can build a larger range of sizes and a larger variety from the stock we list. You can put up a flight of stairs from our machined and cut-up stock in quicker time with less cutting, an important labor-saving feature.

Prices of Treads and Risers

Surfaced, cut smooth and nosed front. Clear Stock.

Number	Ins. Sizes Ft.	Y.-P.	Oak
10-A-666. Riser	3/4 x 7 1/2 x 3	\$0.23	\$0.40
10-A-678. Riser	3/4 x 7 1/2 x 3 1/2	.27	.47
10-A-679. Riser	3/4 x 7 1/2 x 4	.31	.54
10-A-668. Tread	1 1/2 x 11 1/2 x 3	.60	1.05
10-A-682. Tread	1 1/2 x 11 1/2 x 3 1/2	.70	1.23
10-A-683. Tread	1 1/2 x 11 1/2 x 4	.80	1.40

Stair Railing



10-A-2040. 1 1/2 x 3 1/2 inches.

Prices per lineal foot.

Yellow Pine..... 18c

Red Oak..... 25c

Add 2c per foot if rabbeted for 1 1/2 in. or 1 3/4 in. Balusters.

10-A-2047. 2 3/4 x 3 1/2 inches.

Prices per lineal foot.

Yellow Pine..... 27c

Oak..... 39c

Quarter Circle Step



Furnished Complete as Illustrated
Built—Ready to Set in Place.

Quarter Circle Step—Furnished Right or Left Hand Return. Illustration shows right hand return. Prices for Sizes up to 4 ft. (Width of Stairs).

No.	Description	Wood	Price Each
10-A-672	R. H. Return	Clear Y.P.	\$7.25
10-A-673	L. H. Return	Clear Y.P.	7.25
10-A-674	R. H. Return	Clear Oak	8.90
10-A-675	L. H. Return	Clear Oak	8.90

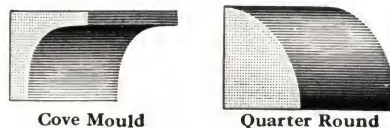
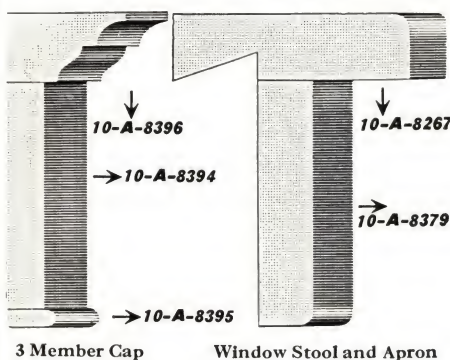
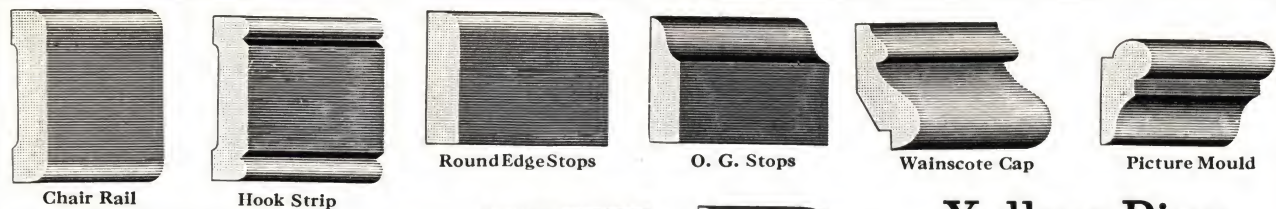
Half Circle Step



Furnished Complete as Illustrated
Built—Ready to Set in Place.

Half Circle Step—Furnished Right or Left Hand Return. Illustration shows left hand return. Prices for Sizes up to 4 ft. (Width of Stairs).

No.	Description	Wood	Price Each
10-A-660	L. H. Return	Clear Y.P.	\$ 9.25
10-A-661	R. H. Return	Clear Y.P.	9.25
10-A-662	L. H. Return	Clear Oak	11.40
10-A-663	R. H. Return	Clear Oak	11.40

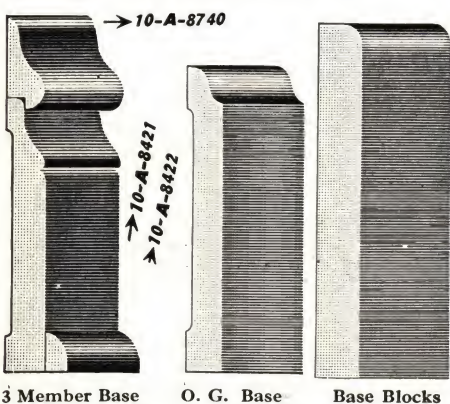
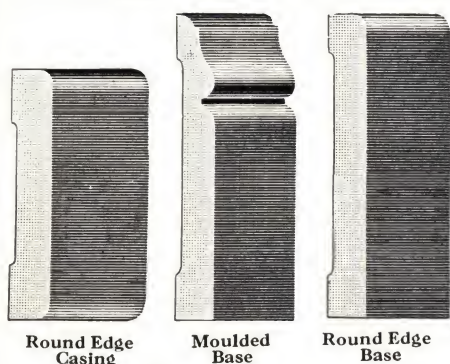
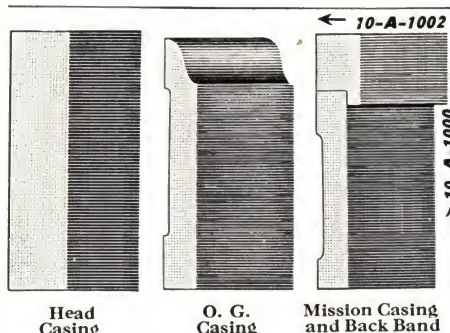


**Yellow Pine
Fir — Oak
and Birch**

Interior Trim

Most popular designs of interior moulding for modern homes. Manufactured from finest selected clear woods run on low speed machines to produce an excellent smooth finish. Kept clean and bright because of our mammoth fast moving stocks. Sold in random lengths, 8 ft. to 16 ft. Your choice of Yellow Pine, Fir, Oak and Birch, presenting interior trim for every required finish suitable for oil, stain, paint or enamel.

Add 15% to These Prices for Specified Lengths



Order by this No.	Name of Moulding	Size inches	Prices per 100 lineal feet				Weight per 100 Lineal Feet
			Yellow Pine	Fir	Oak	Birch	
10-A-8496	Chair Rail	3/4x3 3/4	\$3.95	\$4.20	\$7.00	\$7.60	80 lbs.
10-A-8234	Hook Strip	3/4x2 1/2	2.70	.....	.....	.....	50 lbs.
10-A-8541	Round Edge Stop	1 1/2x1 3/4	1.35	1.45	2.25	2.50	20 lbs.
10-A-8542	Round Edge Stop	1 1/2x1 3/4	1.80	1.90	3.00	3.30	25 lbs.
10-A-8083	O. G. Stop	3/4x1 1/2	.90	.95	1.50	1.65	20 lbs.
10-A-8084	O. G. Stop	3/4x1 3/4	1.00	1.05	1.65	1.80	25 lbs.
10-A-8085	O. G. Stop	3/4x1 3/4	1.25	1.35	2.10	2.30	25 lbs.
10-A-8096	O. G. Stop	1 1/2x1 3/4	1.35	1.45	2.25	2.50	25 lbs.
10-A-8095	O. G. Stop	1 1/2x1 3/4	1.80	1.90	3.00	3.30	25 lbs.
10-A-8093	O. G. Stop	1 1/2x2 1/4	2.45	2.60	4.13	4.50	30 lbs.
10-A-8228	Wainscote Cap	3/4x2	2.40	.....	.....	.....	40 lbs.
10-A-8264	Picture Mould	3/4x1 3/4	1.80	1.90	3.00	3.30	35 lbs.
10-A-8396	Cap Mould	1 1/2x2 1/4	4.05	4.25	6.85	7.50	80 lbs.
10-A-8394	Head Casing	3/4x4 1/2	5.40	5.75	9.10	9.90	90 lbs.
10-A-8395	Fillet	3/4x1	1.00	1.15	1.65	1.80	15 lbs.
10-A-8267	Window Stool	1 1/2x3 3/4	6.50	6.95	10.90	11.90	100 lbs.
10-A-8268	Window Stool	1 1/2x8	15.35	16.45	26.00	28.25	210 lbs.
10-A-8379	Window Apron	3/4x3 3/4	4.10	4.40	6.95	7.55	80 lbs.
10-A-1004	Head Casing	7/8x4 1/2	7.35	7.85	12.40	13.50	100 lbs.
10-A-1005	Head Casing	7/8x5 1/2	8.80	9.45	14.85	16.20	120 lbs.
10-A-8384	O. G. Casing	3/4x4 1/4	4.90	.....	.....	.....	85 lbs.
10-A-8385	O. G. Casing	3/4x5 1/4	5.90	.....	.....	.....	105 lbs.
10-A-1000	Mission Casing	3/4x3 1/2	4.10	4.40	6.95	7.55	80 lbs.
10-A-1001	Mission Casing	3/4x4 1/2	4.90	5.25	8.25	9.00	85 lbs.
10-A-1006	Mission Casing	3/4x5 3/4	6.35	6.85	10.70	11.70	95 lbs.
10-A-1002	Back Band	1 1/2x1 1/2	2.30	2.45	3.90	4.25	35 lbs.
10-A-8308	Round Edge Casing	3/4x3 3/4	4.10	4.40	6.95	7.55	80 lbs.
10-A-8309	Round Edge Casing	3/4x4 1/4	4.90	5.25	8.25	9.00	85 lbs.
10-A-8311 1/2	Round Edge Casing	3/4x5 3/4	6.35	6.85	10.70	11.70	95 lbs.
10-A-8426	Moulded Base	3/4x7 1/4	7.90	8.40	13.20	14.40	140 lbs.
10-A-1003	Round Edge Base	3/4x7 1/4	7.90	8.40	13.20	14.40	140 lbs.
10-A-8740	Base Mould	3/4x1 3/4	2.20	2.35	3.70	4.05	35 lbs.
10-A-8421	Main Base	3/4x7 1/4	7.90	8.40	13.20	14.40	140 lbs.
10-A-8421 1/2	Main Base	3/4x5 3/4	6.35	6.85	10.70	11.70	105 lbs.
10-A-8422	Base Shoe	1 1/2x 3/4	.90	.95	1.50	1.65	15 lbs.
10-A-8385	O. G. Base	3/4x5 1/4	5.90	.....	.....	.....	105 lbs.
10-A-8386	O. G. Base	3/4x7 1/4	7.90	.....	.....	.....	140 lbs.
10-A-8060	Cove Mould	3/4x 3/4	.90	.95	1.50	1.65	15 lbs.
10-A-8065	Quarter Round	3/4x 3/4	.90	.95	1.50	1.65	15 lbs.
Order by this No.	Name	Size inches	Price, Each				Weight Each
			Yellow Pine	Fir	Oak	Birch	
10-A-134	Base Blocks	1 1/2x3 3/4 x10	9c	10c	16c	19c	2 lbs.
10-A-144	Base Blocks	1 1/2x4 1/2 x10	10c	11c	18c	21c	2 lbs.

Special Designs Made to Order. Write for Prices!

Clear Fir Porch and Outside Trim

Wood Porch Post and Newels

Made of
CLEAR SOFT OREGON FIR
PORCH POST No. 10-A-113

Prices

Size	8 ft.	9 ft.	10 ft.
4x4 inches.....	\$1.28	\$1.44	\$1.59
5x5 inches.....	1.98	2.22	2.52
6x6 inches.....	2.85	3.22	3.57

NEWELS

	10-A-112	10-A-114	10-A-115
Size			
4x4 in., 4 ft.....	\$0.68	\$0.63	
5x5 in., 4 ft.....	1.05	1.00	
6x6 in., 4 ft.....	\$2.28	1.49	1.44
8x8 in., 4 ft.....	2.54		



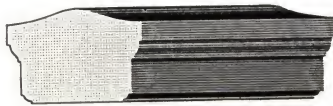
10-A-113 10-A-114 10-A-115 10-A-112



TOP and BOTTOM RAIL
Rabbeted $\frac{3}{4}$ -Inches
Clear Fir

10-A-560 Top Rail
 $1\frac{3}{4} \times 3\frac{1}{2}$ inches. Per 100 lineal feet....\$7.20

10-A-561 Bottom Rail
 $\frac{3}{4} \times 3\frac{1}{2}$ inches. Per 100 lineal feet....\$3.60



10-A-606 COLONIAL TOP RAIL
Clear Fir
Extra Heavy

$2\frac{1}{4} \times 3\frac{1}{2}$ inches. Per 100 lineal feet....\$12.00

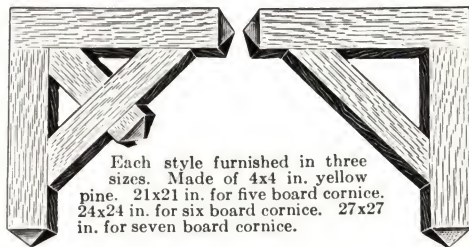


10-A-607 COLONIAL BOTTOM RAIL
Clear Fir
Extra Heavy

$1\frac{3}{8} \times 3\frac{1}{2}$ inches. Per 100 lineal feet....\$7.00

On this page you will find listed and described all of the finished material that goes into the construction of porches. You might also be interested in the material on the preceding page which is also used in modern porches and any one interested in building a new home or remodeling their old home can readily make their selections from these pages. This material is all a strictly high grade stock of clear lumber used in the construction of finest porches. Lumber can also be furnished by us at greatly reduced prices and we advise you to send us your porch material list for our lowest quotation.

Eaves Brackets



Each style furnished in three sizes. Made of 4x4 in. yellow pine. 21x21 in. for five board cornice. 24x24 in. for six board cornice. 27x27 in. for seven board cornice.

10-A-620

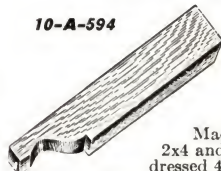
Size	Each
21 inches.....	\$2.20
24 inches.....	2.36
27 inches.....	2.50

10-A-621

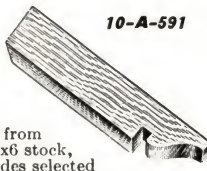
Size	Each
21 inches.....	\$2.08
24 inches.....	2.24
27 inches.....	2.36

Rafter Ends

10-A-594



10-A-591



Made from
2x4 and 2x6 stock,
dressed 4 sides selected
Oregon Fir or Short Leaf
Yellow Pine.

PRICE EACH

Length	2 ft.		4 ft.		5 ft.		6 ft.	
	2x4 in	2x4 in 2x6 in	2x4 in 2x6 in	2x4 in 2x6 in	2x4 in 2x6 in	2x4 in 2x6 in	2x4 in 2x6 in	
10-A-591	32c	46c	60c	54c	72c	61c	83c	
10-A-594	30c	44c	58c	52c	70c	59c	81c	

Square Built Up Columns and Newels

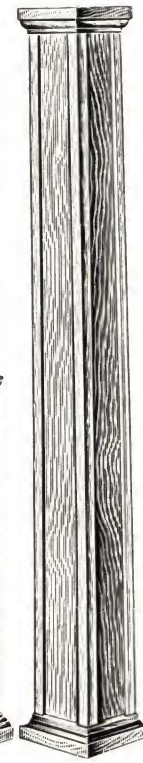
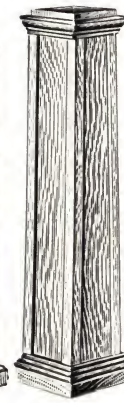
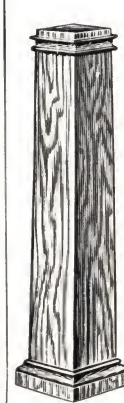
Made of
CLEAR SOFT OREGON FIR

Sizes and Prices of No.

	8x8	10x10	12x12
Length	inch	inch	inch
6 ft.	\$3.45	\$4.18	\$5.04
8 ft.	4.15	4.99	6.11
9 ft.	4.60	5.46	7.02
10 ft.	4.99	6.63	7.88

BUILT-UP NEWELS

10-A-2227 Price, each 6x6 in., 4 ft. long....\$2.28
10-A-521 Price, each 8x8 in., 4 ft. long....\$2.54
10x10 in., 4 ft. long... 3.03



10-A-2227

10-A-521

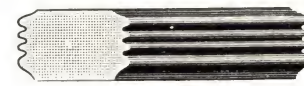
10-A-622



Clear Fir

10-A-146 Top Rail

$1\frac{1}{2} \times 3\frac{1}{2}$ inches. Per 100 lineal feet....\$7.00



Clear Fir

10-A-147 Bottom Rail

$1\frac{1}{2} \times 3\frac{1}{2}$ inches. Per 100 lineal feet....\$7.00

Porch Baluster Stock

Our porch baluster stock furnished in lineal feet is all clear, soft Oregon fir correctly sized and well machined.

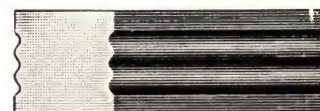


Clear Fir
10-A-556

Square Baluster Stock Surfaced All Sides

$1\frac{1}{2} \times 1\frac{1}{2}$ inches, per 100 lineal feet.....	\$2.25
$1\frac{3}{8} \times 1\frac{3}{8}$ inches, per 100 lineal feet.....	3.15
$1\frac{3}{4} \times 1\frac{3}{4}$ inches, per 100 lineal feet.....	3.90

Cut to lengths at 50c per 100 lineal feet extra.



Clear Fir
10-A-152

Baluster Stock, $1\frac{1}{2} \times 1\frac{1}{2}$ inches. Per 100 lineal feet.....\$3.25

10-A-151

Baluster Stock, $1\frac{3}{4} \times 1\frac{3}{4}$ inches. Per 100 lineal feet..... 4.00

HIGH GRADE COLONIAL COLUMNS

PERGOLAS FOR GARDENS AND LAWNS

MADE OF CLEAR FIR

Our Colonial exterior Columns are made from thoroughly kiln dried lumber free from knots. Only full length staves are used. Interlocking joints and best workmanship. Prices include plain caps and bases as illustrated, which are separated from column so as to permit cutting Columns to exact length required on the job. Ornamental caps are priced separately elsewhere on this page.



10-A-110
Regular



10-A-210
Half Fluted



10-A-109
Full Fluted

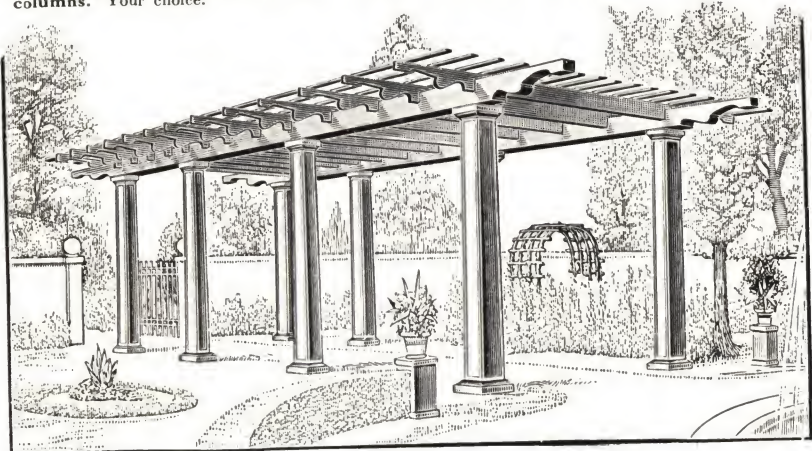
MADE FROM OUR COLUMNS
A modern neatly designed well constructed pergola will add a touch of distinctive beauty and completeness to your grounds. Numerous elegant designs are available from our big complete stocks of pergola material. We are equipped to develop your own ideas and interpret them in such designs as you have in mind in terms of practical construction.

The pergola illustrated on this page is a popular design which can be delivered at surprisingly low cost. Made up complete of clear Fir comprising 8 square columns 8 feet high and 8 inches square at base tapering to top, scroll cut top beams and lattice covering. Distances between all pillars, 7 feet 4 inches. Total length 28 feet overall. Total width 21 feet overall. Weight, about 750 pounds.

Price of pergola as illustrated complete, in the white (natural wood)..... **\$64.85**

If round columns are wanted they can be furnished at same price. Specify round columns if wanted.

10-A-611. Pergola consists of the following material:
4 pieces, 2x6, 18' Band Sawed one end, to be spliced to make 28 feet.
4 pieces, 2x6, 10' Band Sawed one end, to be spliced to make 28 feet.
13 pieces, 2x4, 12' Band Sawed two ends, Cross Rafter.
30 pieces, 1/2 x 1 1/2, 14' S4S Lattice Strips. 8 Colonial Columns, 8x8, 8 ft. round or square, main columns. Your choice.



PRICES OF COLONIAL COLUMNS

Diam. of Shaft Inches	Length Feet	10-A-110 Regular Shaft as Illustrated	10-A-210 Half Fluted as Illustrated	10-A-109 Full Fluted as Illustrated	Shipping Weight, Lbs.
6x6	6	\$2.99	\$3.39	\$3.49	30
6x6	8	3.36	3.76	3.86	35
6x6	9	3.55	3.95	4.05	38
8x8	6	3.56	4.06	4.21	40
8x8	8	4.20	4.70	4.85	48
8x8	9	4.69	5.16	5.31	50
8x8	10	5.20	5.70	5.85	54
10x10	6	4.83	5.43	5.58	55
10x10	8	5.39	5.99	6.14	62
10x10	9	5.84	6.44	6.59	68
10x10	10	6.34	6.94	7.09	72
12x12	6	5.60	6.50	6.70	64
12x12	8	6.88	7.78	7.98	68
12x12	9	8.00	8.90	9.10	72
12x12	10	9.26	10.16	10.36	76

PLASTIC CAPS FOR EXTERIOR COLUMNS

Our Scamozzi Composition Caps are made from the best materials obtainable. This style of cap is the most popular with leading architects all over the country. Illustration shows cap used on one of our fluted columns. Prices are for caps only.



Scamozzi Cap
10-A-530

Size of Column Any Length	Scamozzi Cap 10-A-530
6 inch dia. column	\$2.28
8 inch dia. column	2.63
10 inch dia. column	3.33
12 inch dia. column	4.55

INTERIOR TRIMMINGS

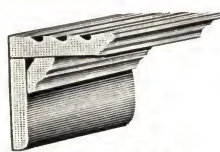
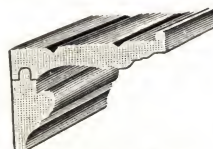


Plate Rail

10-A-340. Furnished in clear Selected Yellow Pine or Oak. Three member. Projection from wall 4 1/4 inches. Height over all 4 1/2 inches. Yellow Pine, per lineal ft. **13c** Oak, per lineal ft. **21c**



Combination Plate Rail and Picture Mould

10-A-343. Two members. Projection from wall 3 inches. Height over all 2 inches. Yellow Pine, per lineal ft. **10c** Oak, per lineal ft. **16c**



Hardwood Thresholds

10-A-154. 3/4 x 3 1/4 inches. Clear Oak, length 3 feet. Price, each..... **16c**



Folding Door Astragal

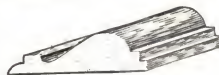
10-A-8450. 8 feet long. Folding Door Astragal, rabbetted, 1 1/2 inches. Yellow Pine, each... **\$0.75** Oak, each..... **1.25**

10-A-8449. 8 feet long. Folding Door Astragal, rabbetted 1 1/4 inches. Yellow Pine, each... **\$0.75** Oak, each..... **1.25**



Round Edge Corner Bead

10-A-541. 1 1/2 x 1 1/2 inches. Yellow Pine. Price, per 100 lineal feet..... **\$4.95**
10-A-542. 1 1/2 x 1 1/2 inches. Red Oak. Price, per 100 lineal feet..... **\$8.25**



Plaster Panel Mould

Very popular for paneling plastered walls.

Prices per 100 lineal feet
10-A-931. Clear Yellow Pine, 1/4 x 1 1/2 in. **\$1.80**
10-A-931. Clear Fir, 1/4 x 1 1/2 in. **\$1.90**
10-A-931. Clear Red Oak, 1/4 x 1 1/2 in. **\$3.00**
10-A-931. Clear Birch, 1/4 x 1 1/2 in. **\$3.40**

Moulded Panel Strips



Moulded Panel Moulding—used for Wall Board Panels, or decorative paneling of any kind.

Prices per 100 lineal feet

10-A-932. Clear Yellow Pine, size 1/4 x 2 1/2 in. **\$2.70**
10-A-932. Clear Fir, size, 1/4 x 2 1/2 in. **3.00**
10-A-932. Clear Red Oak, size, 1/4 x 2 1/2 in. **4.50**
10-A-932. Clear Birch, size, 1/4 x 2 1/2 in. **4.95**

Three Member Flat Panel Strips With Separate Cove Mould



3 Member Combination Flat and Cove Panel Moulding for Wall Board or any kind of decorative paneling. Easiest to apply, no "coping" necessary—simply square cut the panel strip and mitre the cove—neat, practical and easy. It is furnished in 3 members—the flat strip and the two pieces of small cove.

Prices per 100 ft. all 3 members combined

10-A-933. Clear Yellow Pine, size of flat panel strip, 1/4 x 2 1/2 in., size of cove, 1/4 x 1/2 in. **\$4.70**
10-A-933. Clear Fir, size of flat panel strip, 1/4 x 2 1/2 in., size of cove, 1/4 x 1/2 in. **\$5.00**
10-A-933. Clear Red Oak, size of flat panel strip, 1/4 x 2 1/2 in., size of cove, 1/4 x 1/2 in. **\$7.50**
10-A-933. Clear Birch, size of flat panel strip, 1/4 x 2 1/2 in., size of cove, 1/4 x 1/2 in. **\$8.25**

Beautiful "Concord" Breakfast Nook

Large Table and 2 Roomy Settees—Beautifully Designed, Carefully Constructed—Ready to Build-in and Finish to Suit your Own Taste.

3 Pieces

Reduced Price

\$16⁷⁵

Complete

This style of "built-in" breakfast nook is now all the vogue. Every home will find it a welcome addition to their other furnishings. It is so neat and handsome, takes up so little room and yet affords so much extra seating capacity, that no home is really complete without it. And then, you can finish it in accord with your own ideas, to harmonize with your other furnishings. Costs very little and comes to you complete, ready for setting up and finishing.

Wherever there is a little room, nook or alcove 5 ft. 6 in. by 4 ft. 6 in. or larger, the "Concord" will fit in with the utmost nicety. Made of the best grade Clear White Pine, with 3 ply Fir panels in the settees. The stock is heavy and well seasoned and the construction is very substantial. Table top, seat and panel ends are 1½ in. thick. All other parts 1⅜ in. thick. Table is 4 ft. long, 2 ft. 2 in. wide. Note the sturdy graceful construction. The settees are 4 ft. 5 in. wide, 3 ft. high, comfortable and roomy, and will accommodate 4 to 6 persons.

All parts are carefully sanded—ready for finishing—and so perfectly machined that anybody can put the nook together in a few minutes. Shipped K. D. (Not assembled) and carefully crated to avoid damage in delivery. Shipping weight, about 160 pounds.

No. 10-A-1678. "Concord" Breakfast Nook...\$16.75



Rare Values in "Built-in" Conveniences



Peak Head Medicine Case

With First Quality Plate Mirror

Expertly made of selected clear stock, in natural unfinished wood, carefully smoothed and sanded, ready for finishing or staining.

\$4⁶⁹
SPECIFICATIONS: Size of door 1 ft. 6 in. wide by 1 ft. 10 in. high. Depth of case in wall 4 in., opening in wall 1 ft. 8 in. wide by 2 ft. high. Size of mirror 14 in. by 18 in. Adjustable wooden shelves, furnished with casing, head trim, etc., as shown in illustration. Assembled but no hardware included.

No. 10-A-851. Clear Pine, Glazed with Plain Plate Mirror. Price.....\$4.69

No. 10-A-852. Clear Pine, Glazed with Bevel Plate Mirror. Price.....4.95

Shipping weight, 60 pounds

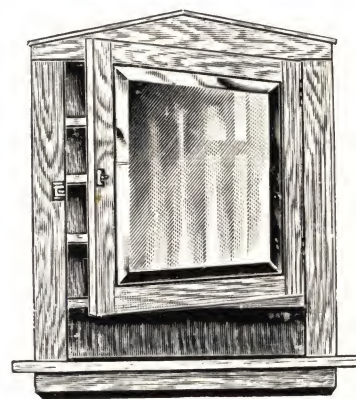
Built-In
Ironing
Board
\$5⁹⁵

A Big Purchase
Brings You this
\$15.00 Value!

Shipped in Dust-proof Carton

Now at our price everyone can afford the convenience of a full size built-in Ironing Board. It is always ready, yet out of the way, saving labor, space and time. Very convenient when installed with socket for electric iron. Bottom door drops forward and supports board in a firm, rigid position. Complete as shown with sleeve board and nickel plated hardware. Wall trim not included; see below. Made for wall opening 14 in. wide, 82 in. high and will fit between 2x4 studs. Can also be used without sinking into wall, by fastening to wall and using a 1x2 strip in place of casing.

No. 10-A-680. Built-in Ironing Board. Price.....\$5.95
No. 10-A-681. Back band wall trim for Ironing Board, consisting of ¾"x3½" Casing No. 1000 and 1½"x1½" back band trim No. 1002 Clear Yellow Pine. Price.....\$1.05



Open Shelf Medicine Case

With First Quality Plate Mirror

Carefully constructed of choice clear stock, smoothed and sanded, ready for finishing or staining.

\$4⁹⁸
SPECIFICATIONS: Size of door 1 ft. 6 in. wide by 1 ft. 10 in. high. Openings in wall, 1 ft. 8 in. wide by 2 ft. 6 in. high. Depth of case in wall, 4 in. Adjustable wooden shelves, furnished with casing, head trim, etc., as shown in illustration. Assembled but no hardware or finishing included.

No. 10-A-889. Clear Pine, Glazed with Plain Plate Mirror. Price.....\$4.98

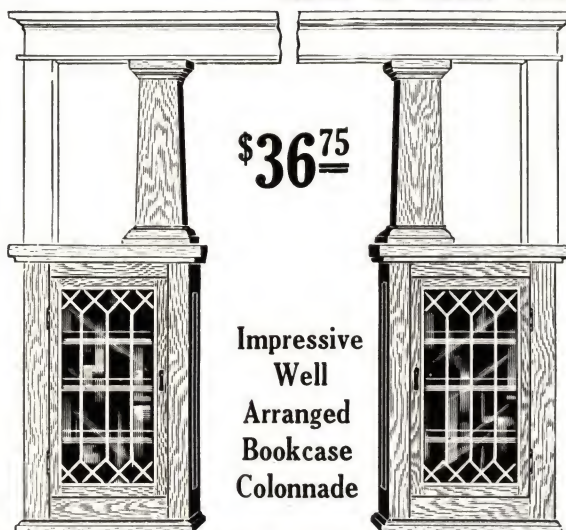
No. 10-A-890. Clear Pine, Glazed with Beveled Plate Mirror. Price.....5.25

Shipping weight, 70 pounds.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Attractive Bookcase Colonnades

Made of Clear Beautifully Grained Lumber



\$36⁷⁵

**Impressive
Well
Arranged
Bookcase
Colonnade**

Specifications: Made from clear, thoroughly kiln dried lumber, free from defects. Best of workmanship. Suitable for openings 7 feet to 12 feet in width and up to 8 feet high. The columns are 6 inches square and slightly tapered towards the top. Pedestals are 2 feet wide by 4 feet 2 inches high. Countershef, or boards that columns rest on, is 12 inches wide. The inside depth of case is 8 inches. Reverse sides and inside ends are neatly panelled. Doors are glazed with Clear Crystal Leaded Glass and glass is held in place by wood stops. Only the best of glaziers metal is used in our leaded glass doors.

Shipped in the "white" (not stained or varnished), sanded ready for finishing. Cases are completely assembled ready to put in place except no hardware is included. Columns are also assembled, but are shipped separate so that they can be cut down on the job, and a perfect fit may be had for any height opening up to 8 feet. Casing, cap trim and jambs for around cased opening itself are not included.

10-A-1927 Clear Yellow Pine..... **\$36.75**
10-A-1928 Clear Red Oak..... **43.50**
10-A-1929 Clear Birch (Birch made to order only)..... **46.50**

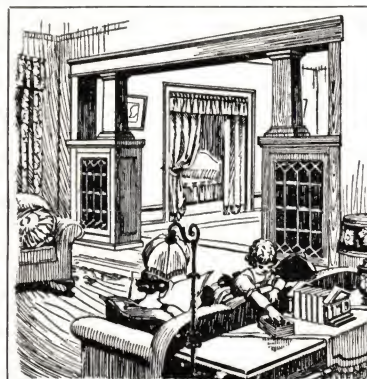
Shipping weight about 200 lbs.
Hardware for the above, \$1.60 additional. Can be furnished in either lemon brass or antique copper finish. Unless specified to the contrary, antique copper will be shipped.

A Colonnade adds more to the appearance of a home than any other piece of millwork we know of, and the Bookcase Colonnade we offer you at the left almost invites you to select a book, draw up an easy chair and make yourself comfortable.

With a colonnade of this kind it is possible to have the spaciousness of two large rooms, yet the feeling of privacy resulting from individual rooms. Also when this kind of a colonnade is used to separate the dining room and living room you can reverse the colonnade and use the cases for china closets.

Built-in cabinets of this kind are becoming very essential in the modern home. This colonnade can be used in a house already built, as well as in a new home, as very little labor is necessary to install it.

Special walls are not needed. Cases are made so that they can be trimmed to fit against a wall of any thickness, having a false side to be fitted against the jamb.



A View of Colonnade at Left Installed.

Jambs and trim for around opening itself is not included in colonnade prices. For houses already built, these items are not required. For new homes, we will furnish a set of jambs for standard 2x4-s studs for openings up to 9 feet wide and 8 feet high, also necessary cap trim and casing to match any style trim illustrated and described on Pages 38 and 39, at the following prices.

10-A-1925-T Colonnade trim, Clear Yellow Pine..... **\$ 6.60**
10-A-1926-T Colonnade trim, Clear Red Oak..... **11.10**

When ordering be sure to specify what style of trim is desired.

Bookcase Colonnade With Writing Desk

This colonnade has all the features offered in the above colonnade, with the additional conveniences of a complete built-in writing desk. A colonnade utilizes otherwise wasted space and this one eliminates the expense of purchasing a separate writing desk and bookcase. The writing desk folds up out of the way when not in use.



A View of Colonnade at Right Installed

Our low prices on these colonnades place them within easy reach of every one. Why not dress up your home by installing a colonnade now? Built-in conveniences such as these, are permanent and last as long as the home itself. This colonnade, as well as the one above, can be fitted to a wall of any thickness.



\$52⁸⁵
**Writing
Desk
and
Bookcase
Colonnade**

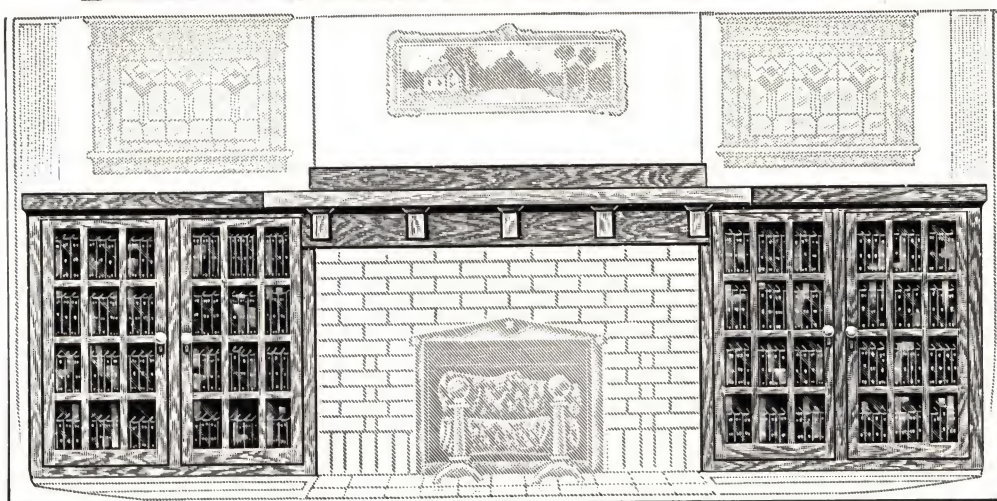
Specifications:
Made from clear, thoroughly kiln dried lumber, free from defects. Best of workmanship. Suitable for opening 8 feet to 12 feet wide and up to 8 feet high. Columns are 7 inches square and slightly tapered to the top. Pedestals are 2 feet 6 inches wide by 4 feet 2 inches high. Counter shelf, or board that the columns rest on, is 14 inches wide. Cases are 10 inches deep inside. Reversed side of pedestals are neatly panelled. Inside ends are also panelled. Doors are glazed with leaded crystal glass and held in place with wood stops. Only the best of glaziers' metal is used.

Shipped in the "white" (not stained or varnished), sanded, ready for finishing. Cases are completely assembled, except no hardware is included. Columns and pedestals are shipped separate and columns can be cut down on the job, so that a perfect fit can be had for any height opening up to 8 feet. Casing, cap trim and jambs for around cased opening itself are not included.

10-A-1927-T Colonnade trim, Clear Yellow Pine..... **\$ 6.60**
10-A-1928-T Colonnade trim, Clear Red Oak..... **11.10**
10-A-1925 Clear Yellow Pine..... **\$52.85**
10-A-1926 Clear Red Oak..... **58.50**
10-A-1924 Clear Birch (Made to order only)..... **61.50**

Shipping weight about 250 lbs.
Hardware for the above \$2.70 additional. Can be furnished in either lemon brass or antique copper finish. Unless specified to the contrary, antique copper will be shipped.

Built-in Bookcase and Mantel Shelf



COMFORT Built-in Bookcase. No. 10-A-2105.

What is more appropriate and pleasing than a combination of fireplace and bookcase. Our "Comfort" built in bookcase and mantel shelf is designed so that bookcases can be either built in or set flush against the wall. The mantel shelf extends across the entire room forming an ideal place on which to place photographs, vases, and other ornaments.

The doors in the bookcases are divided with wood bars and glazed with clear plain glass, which is held in place by wood stops. The bookcases are 54 inches in height and the inside depth is 10 inches. The width of each bookcase depends entirely upon the size of the room and the width of the fireplace. For the average room they will measure about 36 inches to 42 inches in width. The face of the mantel shelf is 2 1/4 inches high and projects over the bookcases and fireplace. The neat brackets support the mantel shelf and make a very attractive design. The bookcases are equipped with three adjustable shelves.

These bookcases and mantel shelves are made to order; therefore, allow two to three weeks extra time. Special designs of all kinds can be furnished at proportionate prices.

All bookcases and mantel shelves shipped in the "white," natural wood, sanded ready for finishing; assembled ready to put in place, except they will be shipped

separately, making it convenient to install the same.

NOTE: These prices are for woodwork only, as illustrated, and do not include tile, brickwork or hardware.

SIZES AND PRICES.

Price: Consisting of two Bookcases and one Mantel Shelf, as shown in illustration. No hardware, tile, etc., included.

COMFORT 10-A-2105 2 Bookcases and Mantel Shelf for Rooms	Price, made of Clear Yellow Pine Doors, Glazed Clear Plain Glass	Price, made of Red Oak or Unselected Birch Doors, Glazed Clear Plain Glass
10 feet wide, or less	\$65.00	\$68.00
12 feet wide, or less	73.00	77.25
14 feet wide, or less	78.50	81.75
16 feet wide, or less	82.75	86.00

NOTE: When ordering give width of entire room, width, depth and height of fireplace. Please send a pencil sketch with order.

Impressive Colonnades of Quality



The Morrison

For openings 7 foot or wider. Made from specially selected clear, kiln dried Oak, Yellow Pine or Birch, free from defects. Prices do not include baseboard, casing or cap trim.

These items should be ordered separately to match the balance of trim in your home.



The Kenmore

Pedestals or bases are 2 foot wide, 2 foot high and 11 1/4 inches deep. Counter shelf, or board that the columns rest on, is 14 inches wide. Pedestals are built to fit around standard 5 1/4 inch jambs. Columns are 6 inches in diameter and have plain turned wood caps and base, as illustrated. Colonnades are shipped assembled, in the "white," natural wood, ready to put in place, except columns are shipped separate so that they can be cut down and fitted on the job. The baseboards, shown in illustration, around the pedestals are not included. It should match the balance of base in the room. Colonnade consists of 2 pedestals and 2 columns with caps and bases.

10-A-1249 Morrison Colonnade for openings 8 feet high or less, Clear Yellow Pine. Price.....\$23.75
10-A-1252 Morrison Colonnade for openings 8 feet high or less, Clear Red Oak. Price.....\$28.80

Shipping weight approximately 200 pounds.

Pedestals or bases are 2 foot wide, 2 foot high and 11 1/4 inches deep. Counter shelf, or board that the columns rest on, is 14 inches wide. Pedestals are built to fit around standard 5 1/4 inch jambs. Columns are 6 inches square and have plain wood caps and base as illustrated. Colonnades are shipped assembled, in the "white," natural wood, ready to put in place, except columns are shipped separate so that they can be cut down and fitted on the job. The baseboards, shown in illustration, around the pedestals are not included. It should match the balance of base in the room. Colonnade consists of 2 pedestals and 2 columns with caps and bases.

10-A-1293 Kenmore Colonnade, for openings 8 feet high or less, Clear Yellow Pine. Price.....\$23.55
10-A-1294 Kenmore Colonnade, for openings 8 feet high or less, Clear Red Oak. Price.....\$28.75

Shipping weight approximately 200 pounds.

Birch Colonnades made to order at proportionate prices

Jambs and trim for around opening itself are not included in colonnade price. These items are not required where houses are already built. For new homes we will furnish a set of 5 1/4 inch jambs (for standard 2 x 4 studs), for openings up to 9 foot wide and 8 foot high, also necessary cap trim, casing, base and base shoe to match any style trim illustrated and described on pages 37, 38 and 39, for the following prices.

10-A-1249-T Colonnade Trim, Clear Yellow Pine.....\$ 7.65
10-A-1252-T Colonnade Trim, Clear Red Oak.....12.90

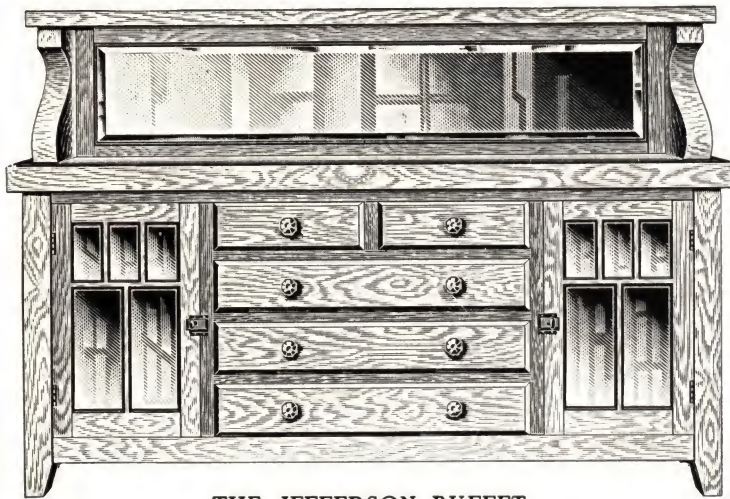
When ordering be sure to specify what style of trim is desired.

Jambs and trim for around opening itself are not included in colonnade price. These items are not required where houses are already built. For new homes we will furnish a set of 5 1/4 inch jambs (for standard 2 x 4 studs), for openings up to 9 foot wide and 8 foot high, also necessary cap trim, casing, base and base shoe to match any style trim illustrated and described on pages 37, 38 and 39, for the following prices.

10-A-1249-T Colonnade Trim, Clear Yellow Pine.....\$ 7.65
10-A-1252-T Colonnade Trim, Clear Red Oak.....12.90

When ordering be sure to specify what style of trim is desired.

Splendid Buffets Priced Very Low



THE JEFFERSON BUFFET

These prices are for first quality bevel plate mirror and for clear plain glass in the cupboard doors. Can be furnished with leaded crystal glass cupboard doors of the same design as used in our Astoria Buffet for \$9.75 extra.

THE JEFFERSON BUFFET

In the Jefferson Buffet we are offering you a buffet that is being used extensively by leading architects in homes of the better class. It is one of the best pieces of built-in furniture we have ever had the pleasure of presenting to the general public. Its symmetrical proportions make it the very acme of good taste.

It is built according to the standards laid down for high grade furniture. Only the best grades of material are used throughout. The lumber is carefully selected and thoroughly kiln dried. Wood dividing bars are used in the cupboard doors, and they are glazed with clear plain glass. The mirror in the back of the buffet is first quality bevel plate.

This buffet, like our Astoria buffet, projects from the wall and can be placed in any room with a minimum of effort. Being raised from the floor makes it easy to clean under and where space is limited it can be easily arranged so that the rug can extend underneath if necessary.

Specifications: This buffet is 6 feet wide, and the depth is 16 inches from the front to the back. Counters shelf projects 2 inches both ways. The height is 3 feet and 3 inches from the floor to the top of counters shelf and the extreme height overall is 4 feet 6 inches. Bevel plate mirror in back is 12 inches high and 62 inches long. Each cupboard is equipped with two adjustable shelves. All buffets are shipped assembled, complete, ready to set in place, except that no hardware or finish material is included. Select hardware from this book to match the balance of your hardware.

PRICES:

Catalog No.	Width	Height, Overall	Depth	Wood	Price
10-A-2201	6 feet	4 feet 6 inches	16 inches	Yellow Pine	\$49.75
10-A-2202	6 feet	4 feet 6 inches	16 inches	Red Oak	54.75
10-A-2203	6 feet	4 feet 6 inches	16 inches	Northern Birch	57.75

THE ASTORIA BUFFET

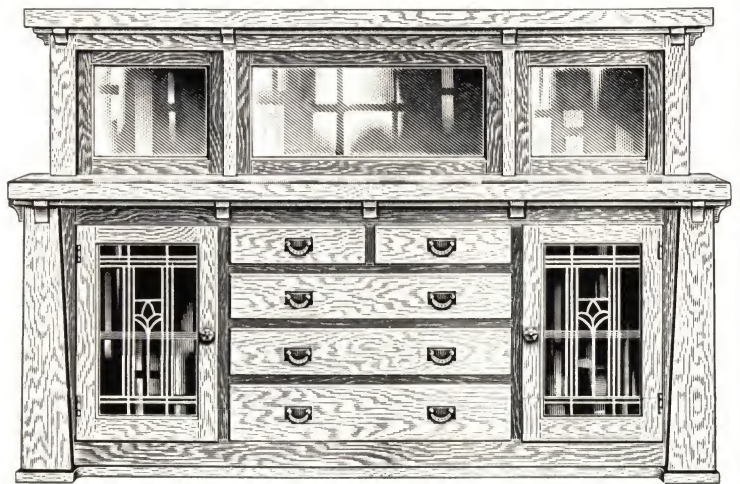
Our Astoria Buffet is a very attractive Colonial design, with plenty of drawer room and two neat cupboards, each equipped with two adjustable shelves for the display and storing of china and glassware. This buffet projects from the wall and can be placed in any house, old or new, without cutting up the wall.

It is a very substantial piece of built-in furniture, which will harmonize with almost any style or period of furniture. Cupboard doors are glazed with leaded glass of a very neat design, the small flower design in the center is of colored glass; the balance is clear crystal glass. The back is fitted with three first quality plate mirrors.

Specifications: Best quality clear kiln dried lumber carefully selected for beauty of grain and finish. This buffet can be had in both six feet and seven feet widths as specified below. It is 18 inches deep from the front to the back. Counters shelf projects approximately 3 inches further both ways. Top of back projects approximately 3 inches from the wall. The height from the floor to the top of counters shelf is 3 feet 6 inches and the extreme height overall is 5 feet 2 inches.

The sizes offered below are usually carried in stock. Special sizes and cabinets of all kinds made to order.

Only the best of workmanship is permitted. Carefully joined and glued. Shipped assembled, in the "white" or natural wood, carefully sanded, ready for stain and varnish. Hardware not included, as hardware should match that used in the balance of your home. Suitable hardware is listed in the Hardware Section of this book.

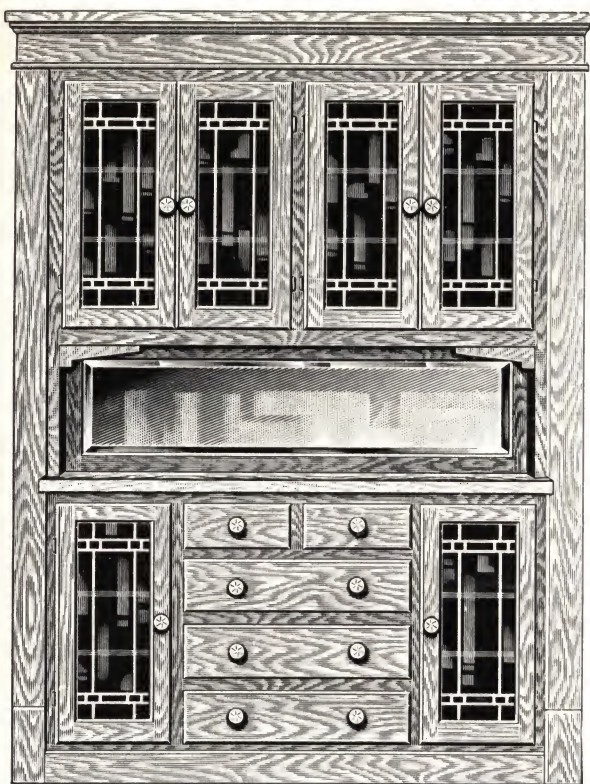


THE ASTORIA BUFFET

For special sizes between those listed take price of next larger size. These prices are for leaded crystal glass doors and plain plate mirrors. For bevel plate mirrors, add \$4.50.

PRICES:

Catalog No.	Width	Height, Overall	Depth	Wood	Price
10-A-2120	6 feet	5 feet 2 inches	18 inches	Yellow Pine	\$71.80
10-A-2121	6 feet	5 feet 2 inches	18 inches	Red Oak	74.90
10-A-2124	6 feet	5 feet 2 inches	18 inches	Northern Birch	76.75
10-A-2122	7 feet	5 feet 2 inches	18 inches	Yellow Pine	76.50
10-A-2123	7 feet	5 feet 2 inches	18 inches	Red Oak	80.60
10-A-2125	7 feet	5 feet 2 inches	18 inches	Northern Birch	82.50



Oakdale

- 10-A-810** Oakdale Buffet, clear yellow pine, bevel plate mirror. Size 5 feet wide, 7 feet high and to set in recess in wall 14 inches deep per description. Price.....**\$74.50**
- 10-A-811** Oakdale Buffet, red oak, bevel plate mirror. Size 5 feet wide, 7 feet high and to set in recess in wall 14 inches deep per description. Price.....**\$82.95**
- 10-A-816** Hardware, including glass knobs, lemon brass finish. Price.....**\$4.85**

Dining Room and Kitchen Cabinets

In our Oakdale and Woodlawn Buffets or China Closets we are offering you two extremely attractive cabinets of very good proportions. They are made to set in a recess in the wall so that the front of the cabinet comes even with the face of the wall.

The opening in the wall for these cabinets should be 5 feet wide, 7 feet high and 14 inches deep. Cabinets are made from clear, thoroughly kiln dried lumber free from defects. Best of workmanship. They are made exactly alike except the glazing in the doors. The doors in the Oakdale are glazed with leaded art glass of neat design with just enough color to give them life but not make them appear gaudy. The Woodlawn cabinet has 4 doors glazed with clear plain glass in the top and two wood panel doors in the bottom. The bevel plate mirror in back of the counter-shelf is 54 inches long and 12 inches high.

Plenty of shelf room is provided in these cabinets. The upper section and the two bottom cupboards are each equipped with two adjustable shelves. Casing and cap trim are not included. These items should match the trim used in the balance of the room. Our regular door trim sets offered on Pages 38 and 39 are suitable for trimming around these cabinets. Hardware is not included; it is priced separately below. Cabinets are completely assembled ready to put in place, except shipped in two sections (upper and lower) for easy handling on the job. They are shipped in the "white," natural wood, already sanded ready for stain and varnish. Carefully crated.

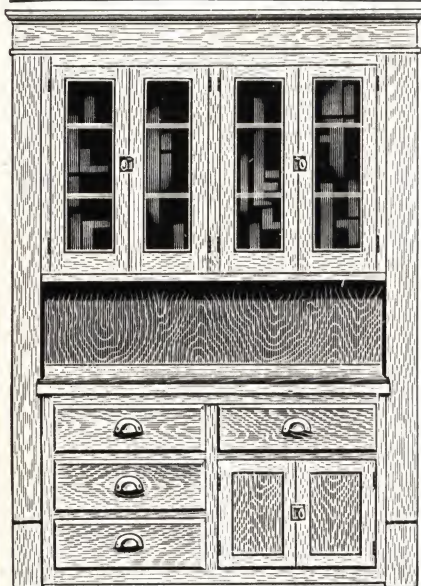
(Shipping weight about 250 lbs.)



Woodlawn

Woodlawn

- 10-A-814** Woodlawn Buffet, clear yellow pine, bevel plate mirror. Size 5 feet wide, 7 feet high and to set in recess in wall 14 inches deep per description. Price.....**\$69.95**
- 10-A-815** Woodlawn Buffet, clear yellow pine, wood panel instead of mirror. Size 5 feet wide, 7 feet high and to set in recess in wall 14 inches deep per description. Price....**\$58.65**
- 10-A-816** Hardware, including glass knobs, lemon brass finish. Price.....**\$4.85**



Indiana

- 10-A-820** Indiana Kitchen Cabinet, Clear Yellow Pine, to set in recess in wall 4 feet 6 inches wide by 7 feet high and 14 inches deep. Price.....**\$44.75**

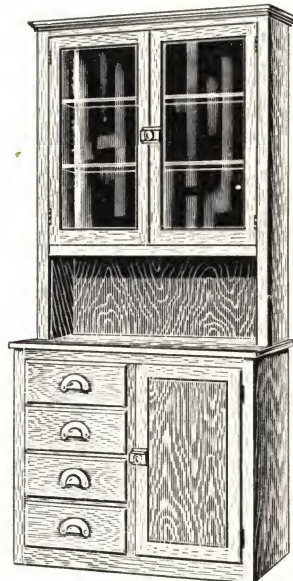
(Shipping weight about 200 lbs.)

No hardware; casing or cap trim included. Casing and cap trim should match balance of trim. Our regular door trim sets, offered on Pages 33 and 39, are suitable for trimming around this cabinet.

- 10-A-821** Hardware as illustrated, antique copper finish. Price..**\$2.50**

Our Indiana and New York Kitchen Cabinets are made from Clear Yellow Pine lumber, thoroughly kiln dried, free from defects. Best of workmanship. Doors glazed with clear plain glass as illustrated. These cabinets have two adjustable shelves in the upper cupboard and one in the pot cupboard. Backs are closed with beaded ceiling. Both sides on the New York cabinet are closed so that it can be placed anywhere.

The Indiana cabinet is semi-closed for setting in a recess in the wall. Hardware is not included; for prices see below or in the Hardware Section of this book. Height of the lower section of the New York cabinet is 34 inches. Several very desirable combinations can be made with this cabinet and our "unit" cabinets illustrated on Page 5. Cabinets are completely assembled ready to put in place, except they are shipped in two sections (upper and lower) for easy handling on the job. They are shipped in the "white," natural wood, already sanded ready for stain and varnish. Carefully crated.



New York

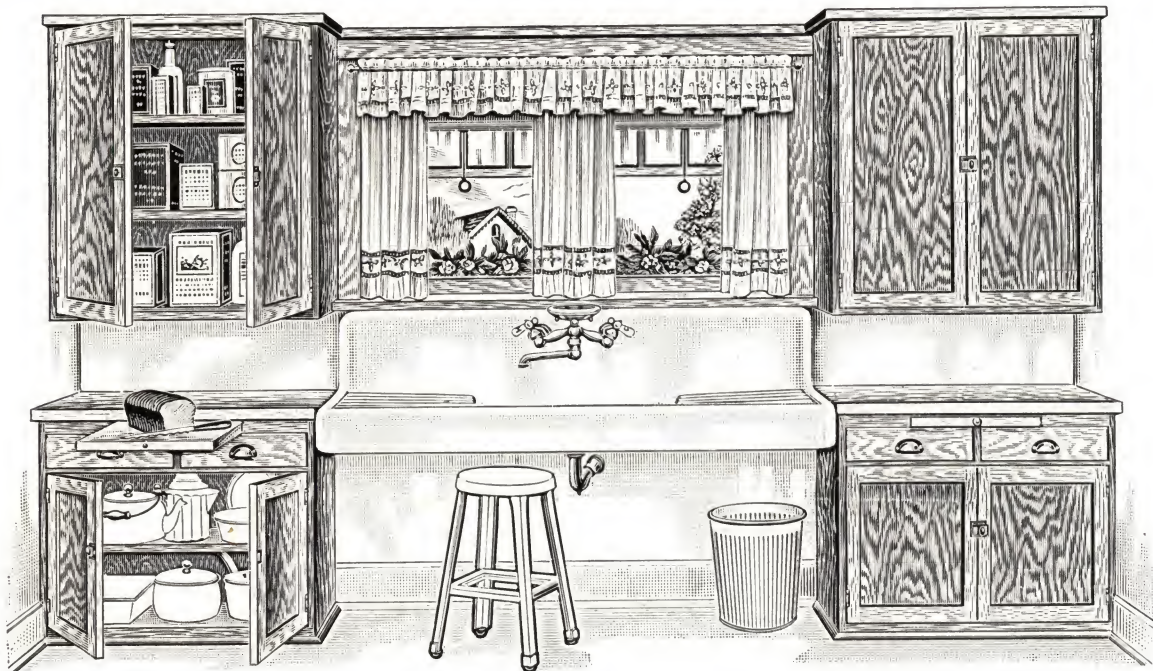
- 10-A-825** New York Kitchen Cabinet, size 3 feet 6 inches wide by 7 feet high, top section 12 inches deep, lower section 20 inches deep. Price.....**\$38.50**

(Shipping weight about 150 lbs.)

No hardware included in the above price.

- 10-A-826** Hardware as illustrated, antique copper finish. Price..**\$1.35**

Modern Built-In Conveniences



"Unit" Cabinets That Present Many Splendid Combinations!

Unlimited combinations are possible with our improved Sectional Wall and Table "unit" Kitchen Cabinets, as sides and backs are sealed, which enables them to be used in any position. The combination illustrated above is obtained by using two wall "units" and two table or base "units." These "units" are offered to you after a very thorough inspection of all the latest improved kitchen furniture. Their simplicity of design is pleasing and enables the housewife to keep them immaculate. Many modern homes and apartments are being built without pantries; as pantries are no longer necessary when such conveniences as these are available, especially as it is no longer necessary to store large quantities of food stuffs, as in almost every city the grocery store is just around the corner.

Made of selected Clear Yellow Pine, carefully manufactured and fitted. Shipped in the "white," natural wood, all set up, ready to put in place.

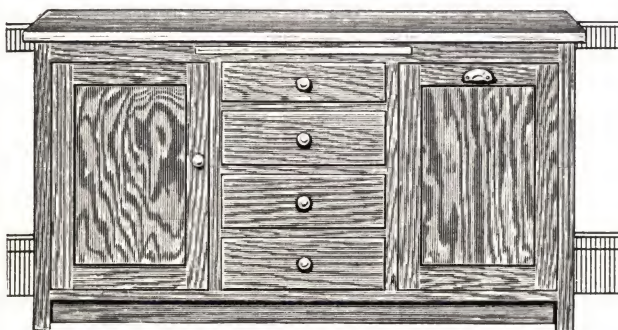
Sanded, ready for stain, varnish or paint. Hardware is not included. For prices on the same see the Hardware Section of this book.

10-A-638. Wall Units—36 inches wide, 12 inches deep and 42 inches high assembled, with two adjustable shelves. Clear Yellow Pine. **\$12.75** Each.....

10-A-640. Table or Base Units—36 inches wide, 20 inches deep, 34 inches high, assembled; with sliding cutting board, 2 drawers and roomy pot cupboard with adjustable shelf. Clear Yellow Pine. **\$17.85** Each.....

Approximate shipping weight wall units, 80 lbs.; base units, 100 lbs.

Modern Kitchen Work Table



Usefulness, as well as beauty, are required in Kitchen Furniture. This Kitchen Work Table embodies these requisites and will save the housewife many steps. Note the four convenient drawers, roomy utensil cupboard, which has two adjustable shelves, the large capacity forward tilting flour bin and the sliding cutting or pastry board. This table is 4 foot 6 inches wide, 2 foot 10 inches high and 24 inches deep. Carefully made from selected Clear Yellow Pine. Shipped assembled, all ready to put in place, in the "white," natural wood. Sanded, ready for paint or varnish. No hardware included.

10-A-912. Clear Yellow Pine, assembled. **\$28.80** Each.....

Shipping weight approximately 180 lbs.

Drawer Pantry Case



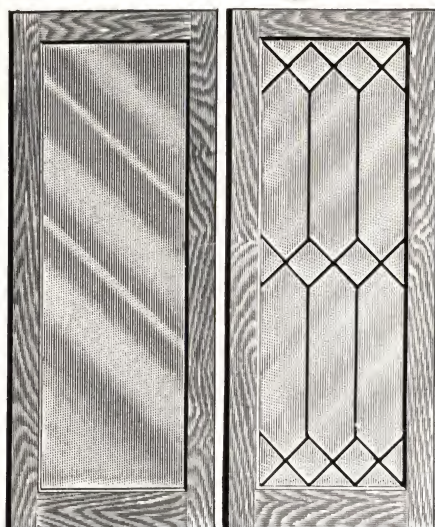
Plenty of drawer room is needed to make the home comfortable. This drawer case can be used in innumerable places, such as pantries, closets, etc. Case measures 3 foot in width and is 2 foot 10 inches high, and 1 foot 4 inches deep. Very carefully made from Clear Yellow Pine Lumber and shipped assembled as specified below, in the "white," natural wood, ready for varnish or paint. No hardware included in price.

10-A-908. Clear Yellow Pine, shipped assembled, with top separate for easy fitting on the job. Sides and back open, not sealed. This case usually used between plaster walls. **\$8.48** Price, each.....

10-A-910. Clear Yellow Pine, shipped completely assembled, with sides and backs closed, can be used any place in any room. **\$12.78** Price, each.....

(Shipping weight approximately 90 lbs.)

A Page for the Handy Man



10-A-201

10-A-204

China Closets and Book Case Doors

In these four designs, we offer a choice from which anyone building a china closet can make a satisfactory selection. No. 10-A-201 is a glazed clear glass, and Nos. 10-A-204 and 10-A-202 are glazed with Leaded Crystal Glass. No. 10-A-203 is exceptionally artistic and is a combination of a rich color in the design only, with a clear glass background. Just enough color to make it look pretty and desirable for either china closet or bookcase doors.

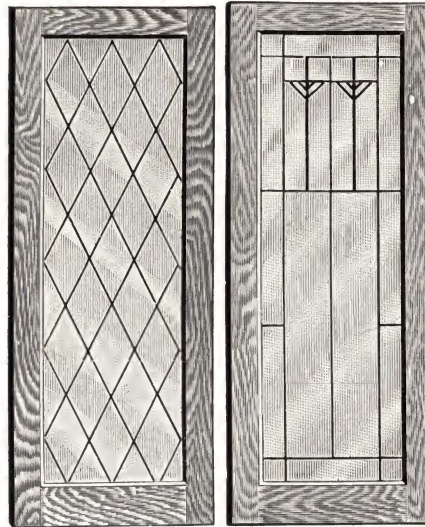
Our China Closet Doors are made 1½-inch thick and furnished in either clear Yellow Pine or Red Oak.

Prices on China Closet Doors Clear Yellow Pine

SIZES	10-A-201	10-A-204	10-A-202	10-A-203
1-6x3-0	\$1.40	\$4.33	\$4.80	\$5.34
1-6x3-4	1.51	5.01	5.30	5.72
1-8x3-4	1.66	5.58	5.93	6.63
1-6x4-0	1.70	5.97	6.32	7.05
1-8x4-0	1.86	6.67	7.09	7.95

Shipping Weight 25 Pounds.

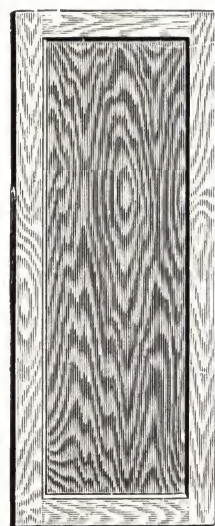
For Red Oak Wood add \$1.60 extra each Door. Please Note: All Glass in the above doors set in with wood stops, making the finest door possible.



10-A-202

10-A-203

CUPBOARD DOORS



10-A-223

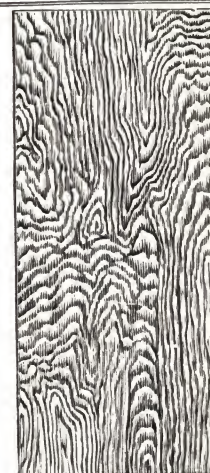
Our Cupboard Doors are of the neatest design and excellent workmanship. These doors are manufactured from the finest grade of seasoned lumber. With these doors it will be very easy to construct an excellent design of cabinet and the cost of the entire cabinet can thus be kept within a very low figure. The doors are made with Clear White Pine stiles and rails; with beautifully grained Fir panels. We carry these doors in stock, ¾ in. thickness only. Special sizes and thickness to order.

SIZES	10-A-223
Width Height Ft. In. Ft. In.	Price, Each ¾ Inch Thick
1-6 x 2-0	\$1.02
1-6 x 2-6	1.30
1-6 x 3-0	1.38
1-6 x 3-6	1.67
1-6 x 4-0	1.75
1-8 x 2-6	1.35
1-8 x 3-0	1.44
1-8 x 3-6	1.71
1-8 x 4-0	1.87

Average shipping weight 15 lbs.

FIR PANELS

10-A-550 The beautifully figured slash grain Pacific Coast Fir makes the finest panels imaginable. Just the thing for making radio and other cabinets. Also for paneling living rooms, etc. Can be stained and finished to imitate oak, walnut and other expensive woods. Fir Panels are laminated, that is, built up 3-ply, with the center layer running crosswise to the face, making them strong and warp-proof, like the panels in our high grade Fir doors. The following table lists the sizes we carry in stock. Prices are for panels with best side sanded ready to finish. For two sides sanded ready to finish, add 50 per cent, or half more to prices. Our Panels are cut evenly and to correct size. **WRITE FOR FREE SAMPLE.**



10-A-550

Size, Inches	Price, Each	Size, Inches	Price, Each
12x48	\$0.33	24x60	\$0.91
12x60	.41	24x72	1.09
16x48	.49	24x84	1.27
16x60	.61	30x48	1.00
18x48	.55	30x60	1.25
18x60	.68	30x72	1.50
20x48	.61	30x84	1.75
20x60	.76	36x48	1.20
20x72	.91	36x60	1.50
24x48	.72	36x72	1.80

ON-WALL IRONING BOARD

Special Price **\$6.98**
Complete

No Cutting of Plaster—No Casing to Fit



You can now have the conveniences of a built-in ironing board without cutting your wall, or hiring an experienced workman. The "On-Wall" Ironing Board pictured to the left, is a full size ironing board (14½ inches wide by 64½ inches high overall). It can be hung on any old wall or a new wall, or on a door.

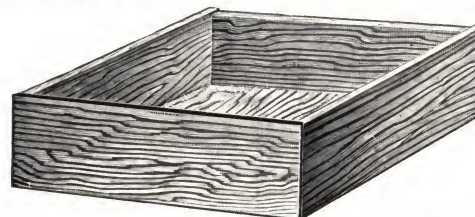
A complete unit, with hardware and everything needed already in place, also includes screws for fastening to wall. Can be taken down and moved at pleasure; an ordinary screw driver is all that is required.

The patented construction of this board makes it one of the most rigid and sturdy on the market. Board and cabinet are made from clear kiln dried White Pine lumber. Cabinet is backed with a strong three ply-wood fir panel. This panel protects wall, and helps to keep board clean.

Volume production, and the desire to introduce this board quickly, are the reasons for our offering this \$10.00 board for this exceptionally low price.

10-A-6060 "On-Wall" Ironing Board \$6.98
Shipping Weight 20 Pounds
Shipped in Dust-proof Carton

SEPARATE DRAWERS



These drawers are made from seasoned, selected stock, with clear Yellow Pine lip face and soft wood body. They are well manufactured in every way. We stock the desirable sizes listed below. Special sizes made to order at advanced prices. Shipping weight 16 pounds. **PRICE EACH.**

Width Ft. In.	Height Inches	Depth Inches	10-A-879 Yellow Pine Ready to set up	10-A-880 Yellow Pine Assembled
1-5	4¾	18	\$1.02	\$1.52
3-0	6¾	18	1.73	2.23

SMOOTH SURFACED ROOFING

Harris Rawhide Roofing

Approved by National Board of Fire Underwriters

"RAWHIDE"—the name tells the story—pliable but tough. For actual service on a roof of any kind, it has no superior. Made as "tough as its name"—for hard wear. Roofs do not wear out—they bake out. This has been taken into consideration in the special grade of SATURATION used in Rawhide. It is a real TALC finished roofing, built of honest raw materials—only high grade felt of tested weight, saturated and waterproofed with the best asphalt and waterproofing compounds. This saturation is BINDING, PLIABLE and NON-EVAPORATING.

Note our guarantee—we replace full value on EVERY roll that proves defective within the period of the guarantee.

ALL FIRST QUALITY—ONE length to a roll of 108 sq. ft. complete with $\frac{3}{8}$ -in. Galvanized Nails, special binding LAP CEMENT and directions for laying. Weight consists of pure roofing materials only—no rock surfacing added to make weight.

7-A-4066	RAWHIDE roofing, light weight, 35 lbs. to a roll, 8 yr. guarantee. Price per roll of 108 sq. ft.	\$1.29
7-A-4077	RAWHIDE roofing, medium weight, 45 lbs. to a roll, 10 year guarantee. Price per roll of 108 sq. ft.	1.63
7-A-4088	RAWHIDE roofing, heavy weight, 55 lbs. to a roll, 15 year guarantee. This weight carries "Underwriters" Approval Label. Price per roll of 108 sq. ft.	2.29
7-A-4099	Harris Extra Heavy, Smooth roofing, 75 lbs. to a roll. Guaranteed 20 years. This weight also carries "Underwriters" Approval Label. Price per roll of 108 sq. ft.	\$2.48

NOTE—Long nails for laying over wood shingles 10c per roll extra. Extra pint cans of Special Lap cement. 10c each.

Ajax Roofing

This grade represents thousands of rolls of high grade mill ends or seconds, purchased by us from various mills and sold as they run without our guarantee. It is all standard weight roofing and slight defects are scarcely noticeable. Surfaced smooth, talc or sand finish.

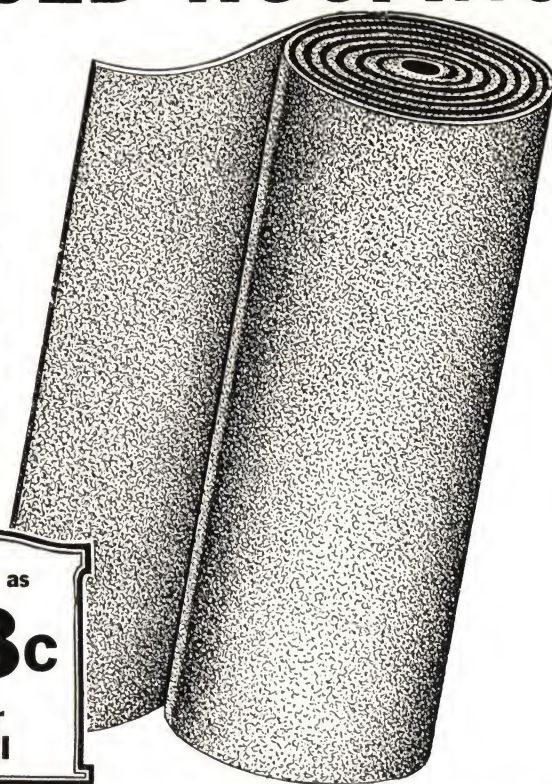
Each roll is complete with regular first quality $\frac{3}{8}$ " galvanized nails and lap cement—108 square feet to a roll.

7-A-400	AJAX roofing, light weight per roll.	\$.98
7-A-402	AJAX roofing, medium weight per roll.	1.19
7-A-403	AJAX roofing, heavy weight per roll.	1.44
7-A-404	AJAX roofing, extra heavy per roll.	1.69

as low as

98c

Per Roll



STEEL ROOFING AND SIDING

OUR METAL ROOFING DEPARTMENT has been entirely reorganized, space greatly enlarged and equipped with new and improved machinery, giving us an opportunity to handle much larger stocks at less expense, and pass this saving on to you in the way of lower prices.

WE GUARANTEE QUALITY AND GAUGE on every sheet to be standard in manufacture, galvanizing, thickness and weight.

Most anyone can make a good job applying metal roofing and siding. No previous experience necessary. The only tools you need are a hammer and tinner snips.

OUR STEEL ROOFINGS are furnished in two thicknesses, 28-gauge and 26-gauge. Don't forget that 26-gauge is 20% thicker than 28-gauge, so if the job is important, it will be well worth your while to pay the few cents more for the 26-gauge.

BOTH THE GALVANIZED AND PAINTED sheets measure 26 inches wide after corrugated, will fit studs and rafters spaced 24 inches on centers, can easily be laid over old shingles or prepared roofing.

Do not forget to order 10% extra to take care of lapping of sheets.

ALL SHEETS MEASURE 26 INCHES WIDE—PRICE PER SHEET GALVANIZED CORRUGATED ROOFING AND SIDING

Catalog Number	Gauge	Size of Corrugation	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.
7-A-110	28	2½ inch	59c	71c	83c	\$0.95	\$1.07	\$1.18	\$1.45
7-A-111	26	2½ inch	65c	78c	90c	1.04	1.17	1.30	1.58
7-A-112	28	1¼ inch	60c	73c	85c	.97	1.09	1.21	1.48
7-A-114	26	1¼ inch	66c	79c	92c	1.05	1.19	1.32	1.61

CORRUGATED ROOFING AND SIDING PAINTED RED

Catalog Number	Gauge	Size of Corrugation	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.
7-A-115	28	2½ inch	39c	47c	54c	62c	70c	78c
7-A-117	28	1¼ inch	40c	48c	56c	64c	72c	80c

FLAT SHEETS 28 inches wide same prices as quoted above for 2½ inch corrugated galvanized or painted roofing.

Order one pound of 1½ inch nails, and ½ pound lead washers for every 100 square feet of roofing or siding. Do not overlook ordering ridge roll with your roofing.

GALVANIZED CORRUGATED RIDGE ROLL

To be used with corrugated roofing

Price Per Length

Cat. No.	Gauge	Corrug.	10 Ft.
7-A-124	28	1¼ inch	\$0.88
7-A-125	28	2½ inch	.88
7-A-126	26	1¼ inch	1.00
7-A-127	26	2½ inch	1.00

ROOFING NAILS AND WASHERS

Lead washers should be used when nailing on corrugated roofing and siding as they guarantee an absolute water-tight job.

7-A-128 Lead Washers, per lb. 18c

7-A-129 1½ inch Bright Nails, Per pound. 6c

7-A-133 1½ in. Galvanized Nails, Per pound. 8c

PRESSED BRICK FACE STEEL SIDING

Brick face steel siding is a big improvement over flat sheets for covering an entire building or for foundation work. Fine for keeping out rats and vermin.



When applied it takes close inspection to distinguish it from real brick. Order 10% extra for lapping. All 28-gauge. All 28" wide.

7-A-119 Brick Steel Siding, painted red. Length. 5 Ft. 6 Ft. 7 Ft. 8 Ft. 9 Ft. 10 Ft.

Price per sheet. 41c 49c 59c 66c 74c 82c

7-A-120 Brick Steel Siding, galvanized. Length. 5 Ft. 6 Ft. 7 Ft. 8 Ft. 9 Ft. 10 Ft.

Price per sheet. 61c 73c 85c 97c \$1.10 \$1.20

7-A-121 Brick Steel Siding, miscellaneous lengths, painted red, per square. \$3.25

BEADED STEEL CEILING OR SIDING

Beaded steel ceiling makes a neat clean looking job. Especially desirable for fireproofing or dustproofing. Sheets show a ¾" bead on 3" center and give a very neat and sanitary appearance.



Sheets are about 26" wide, and will cover 24" from center of outside beads. Allow 10% for lapping. Made from 28 gauge, painted red on both sides. For Ornamental Metal Ceilings see page 56.

7-A-122 Beaded Steel Ceiling or Siding, painted red. Length. 5 Ft. 6 Ft. 7 Ft. 8 Ft. 9 Ft. 10 Ft.

Price per sheet. 41c 49c 59c 66c 74c 82c

7-A-123 Beaded steel siding or ceiling, miscellaneous lengths, painted red, price per square of 100 square feet. \$3.25

We can also furnish galvanized Stone Face Siding, V Crimped Steel Roofing and Expanded Metal Lath. Write us for prices.

SLATE SURFACED ROOFING

For color illustrations see inside cover page.

HARRIS "VERY - BEST" Guaranteed for 20 Years

Approved by Fire Underwriters and carries their label.

"The proof of the pudding is in the eating"—WE USE IT OURSELVES—no other testimonial is needed. Guaranteed for 20 years service. More than 20,000 Harris buildings stand erected in Chicago and suburbs, all covered with Harris "VERY-BEST" Slate Surfaced Roofing. Now we offer it to you.

In Built Quality

1. Made under a proven formula and specifications.
2. Averages NINETY POUNDS to a roll of 108 square feet—all one length, with SPECIAL TWO-INCH SMOOTH LAP to take cement and guarantee tight joint.
3. Approved by Fire Underwriters and carries THEIR label.
4. Non-fading natural colored crushed Slate Coating will not ignite from brands or sparks.

"VERY-BEST" Slate Surfaced Roofing

Every roll contains 108 square feet and will cover 100 square feet with proper lap allowed. Complete with $\frac{3}{8}$ inch Galvanized nails and special cement for smooth lap.

7-A-3144 Harris "VERY-BEST" Roofing, your choice of RED, GREY-GREEN or BLUE-BLACK. Price per roll of 108 square feet. **\$2.28**

7-A-3155 Harris "VERY-BEST" AUTUMN BLEND Roofing (all colors drifted together). Price per roll of 108 square feet. **\$2.45**

Long nails for over shingles, extra per roll. **10c**

For Ridge and Valley Flashing Strips see shingle page.

"ECONOMY" Slate Surfaced Roofing

A dandy slate surfaced roofing equal to highly recommended brands sold elsewhere and suitable for use where heavy-weight roofing is not necessary.

Will average 80 pounds. Each roll is furnished in ONE LENGTH. Rolls contain 108 square feet, complete with galvanized nails and cement.

7-A-3166 Harris "ECONOMY" Slate Surfaced Roofing. Furnished either RED or GREY-GREEN. Be sure and specify color wanted. Price per roll of 108 square feet. **\$2.08**

Long nails per roll extra. **10c**

"ASHLAND" Slate Surfaced Roofing

Under this brand we offer you good grade slate surfaced roofing millends and seconds. Put up in full rolls of 108 sq. ft., some rolls 2 and 3 pieces. They are real bargains at these prices, but do not carry our guarantee. Complete with $\frac{3}{8}$ -inch galvanized nails, and lap cement. On account of limited quantities available please give first and second choice of colors.

7-A-315 "ASHLAND" Slate Surfaced Roofing. Your choice of Red, Grey-Green, and Blue-Black. Price per roll. **\$1.69**

7-A-314 "ASHLAND" Slate Surfaced Roofing Autumn Blend (all colors drifted together). Price per roll. **\$1.85**

\$2.28
Per Roll



Harris Diamond-Edge Slate Surfaced Roll Roofing

Here is a roofing that has been especially designed for use over old roofs. Avoid the dirt, danger, expense and annoyance of removing old shingles, also retain the insulating value of the old roof by using Harris Diamond Edge Roll Roofing. Splendid appearance; best quality; Carries Underwriters Label; weight 105 pounds per roll; each roll 48 feet long and will cover 100 square feet. Nails not included; cement not needed.

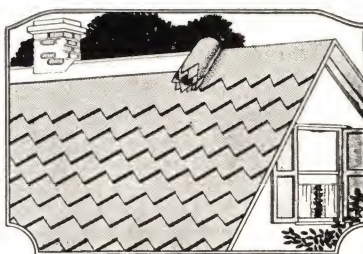
7-A-3177 Harris DIAMOND EDGE Slate Surfaced Roll Roofing. Your choice of Red, Grey-Green, and Blue-Black. Price per roll. **\$2.79**

7-A-3174 Harris DIAMOND EDGE Slate Surfaced Roll Roofing Autumn Blend (all colors drifted together) price per roll. **\$2.95**

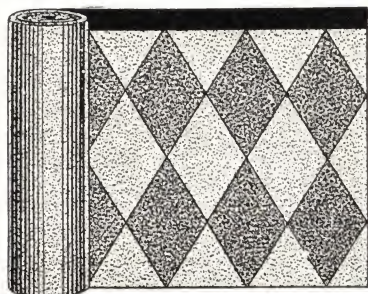
Diamond Edge Mill Ends and Seconds

7-A-327 Ashland DIAMOND EDGE Slate Surfaced Roll Roofing. Red, Grey-Green, or Blue-Black. Give first and second choice of colors, price per roll. **\$1.80**

7-A-324 Ashland DIAMOND EDGE Slate Surfaced Roll Roofing Autumn Blend, price per roll. **\$1.90**



HARRIS SLATE-INLAID DESIGN ROOFINGS APPROVED BY UNDERWRITERS AND BEARS THEIR LABEL !!



These slate inlaid roofings are made by special machinery, are guaranteed for 20 years' service, fire resisting and bear the Underwriters' label. Much superior to the ordinary printed design roofings. Average weight per roll is 95 pounds, has special 2-inch smooth watertight lap for cementing, and is as easy to lay as plain roofing. Excellent for new work, or over old shingles.

Continuous Diamond Design Slate Inlaid Roll Roofing that looks like individual alternate red and green diamonds. Design will not fade or wash out because it is inlaid in real crushed slate in natural colors. Made by

special machinery and worth much more than printed designs because the design and colors are there to stay.

7-A-3188 Harris Diamond Design Slate Inlaid Roofing, alternating red and grey-green slate inlaid diamonds, complete with galvanized nails and lap cement. Can be laid with the eaves, or up and over peak, a very attractive variegated roof when finished. Price per roll of 108 square feet. **\$3.29**

Long nails extra, per roll. **10c**

Continuous Individual Slate Shingle Design, manufactured under the same process as the diamond design opposite. When laid these roofings are hard to distinguish from shingles at a distance.

7-A-3198 Harris Shingle Design Slate Inlaid Roofing, grey-green slate, with blue-black inlaid shingle marking, complete with galvanized nails and lap cement. Price, per roll of 108 square feet **\$3.30**

7-A-3199 Harris Shingle Design Slate Inlaid Roofing, red slate, with blue-black inlaid shingle marking, complete with galvanized nails and lap cement. Price, per roll of 108 square feet. **\$3.30**



UP-TO-DATE SLATE SURFACED SHINGLES

Underwriter's Label

**First
Quality
Stock**

All Harris first quality Slate Surfaced Shingles are built on a foundation of the best felt obtainable for that purpose. Felt is saturated with pure asphalt and the best weather proofing materials known to roofing manufacturers. The top coating of crushed slate, in beautiful natural colors, stiffens the shingles, prevents asphalt drying out and makes them fire resistant to the highest degree. Offered in 4 different colors.

**Twenty
Year
Guarantee**

Harris Hexagon Shingles

Twin tabs form a hexagon when laid on the roof giving the appearance of individual hexagon shingles, especially recommended for laying over old roofs.

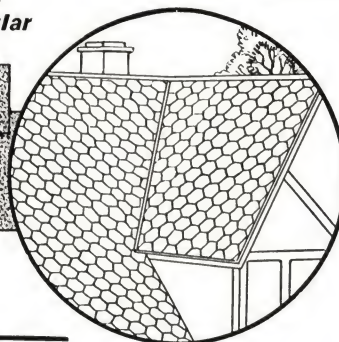
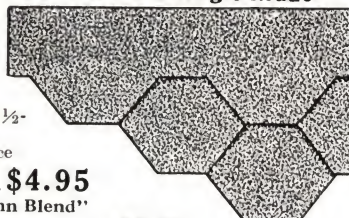
Self spacing, the easiest shingle to lay. Weight per square, 160 lbs. New work requires 1½ lbs. of ⅞-in. nails; relaying work 2 lbs. of 1½-in. nails to each square.

7-A-501 Harris Hexagon Slate Surface Shingles (your choice of Maroon-Red, Grey-Green or Blue-Black).
Per square to cover 100 sq. ft. **\$4.95**

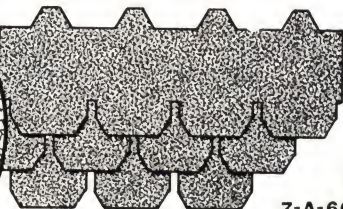
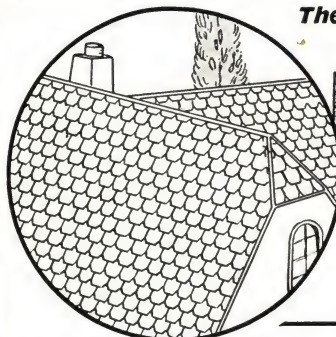
7-A-504 Same first quality [as above] furnished in "Autumn Blend" (all colors drifted together). **\$5.30**

7-A-800 Same as above in second quality (your choice of colors, including Autumn Blend). See description below **\$3.55**

**Newest and Most Popular
Shingle Made**



The Improved 4-in-1 Shingles



Harris Triple-Tight Shingles

Just as the name implies, two layers over the entire roof and three thicknesses at the butt where needed. Each slab shows 4 shaped shingles (same as 4-in-1) with the corners slightly cut off giving the roof the appearance of individual, scalloped or octagonal butt shingles. The cut off corners prevent curling and wind flapping. Size 11-in. x 33⅝-in. long. Self spacing. Weight 195 lbs. per square. New work requires 2½ lbs. of ⅞-in. nails; relaying work requires 3 lbs. of 1½-in. nails per square.

7-A-601 Harris Triple-Tight Slate Surface Shingles (your choice of Maroon-Red, Grey-Green or Blue-Black).
Per square to cover 100 sq. ft. **\$5.95**

7-A-604 Same first quality as above furnished in "Autumn Blend" (all colors drifted together). **\$6.30**

7-A-803 Same as above in second quality. See description below (your choice of Red, Green or Blue Black) **\$4.10**

Harris Four-In-One Shingles

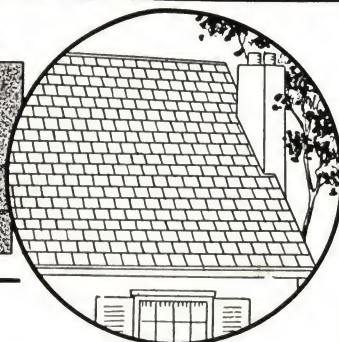
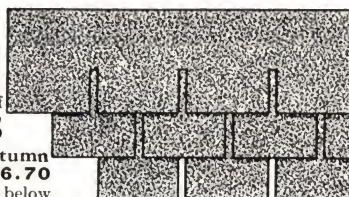
Illustration at right. Roof appears as though covered with square butt individual shingles. Easy to lay; self spacing. Size 10-in. x 36-in. long. Weight 195 lbs. per square. New work requires 2½ lbs. of ⅞-in. nails; relaying work requires 3 lbs. of 1½-in. nails for each square.

7-A-309 Harris 4-in-1 Slate Surface Shingles (your choice of Maroon-Red, Grey-Green or Blue-Black). Per square to cover 100 sq. ft. **\$6.35**

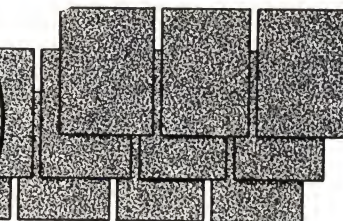
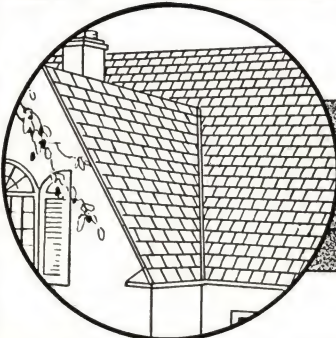
7-A-304 Same first quality as above furnished in "Autumn Blend" (all colors drifted together). **\$6.70**

7-A-801 Same as above in second quality. See description below (your choice of colors, including Autumn Blend) **\$4.25**

Standard the World Over



The Most Roofing for the Money



Harris Individual Shingles

The old stand-by; three thicknesses over the entire roof—longest life. Laid 4 in. to the weather and about ½-in. apart; nailed 5 in. from the butt. Weight 240 lbs. per square. New work requires 3½ lbs. of ⅞-in. nails; relaying 4½ lbs. of 1½-in. nails to each square.

7-A-602 Harris Slate Surface Individual Shingles (your choice of Maroon-Red, Grey-Green or Blue-Black).
Per square to cover 100 sq. ft. **\$6.50**

7-A-614 Same first quality as above furnished in "Autumn Blend" (all colors drifted together) **\$6.85**

7-A-802 Same as above in second quality. See description below (your choice of colors, including Autumn Blend) **\$3.20**

Description of shingles where "Second Quality" is offered

The inspection and grading of our first quality shingles is very severe, therefore, any shingle that is not absolutely perfect because of slight surface discolorations, or other small imperfections, is classed as a "dropping" or "second." The material, the manufacture, weight, style and colors are exactly the same as on first quoted above. Many could be picked out and sold as firsts; we, however, sell them as "second."

With a little careful selection, an almost perfect roof can be had and when once shingles are laid on the roof, color defects, etc., are hardly noticeable; they do not, however, carry our "first" quality guarantee but are exceptional value for the money. Please give first and second choice of colors.

Flashing Strips and Nails

Slate Surfaced Flashing strips to be used on ridges, valleys and as starting strips. Same first quality and colors as shingles. We recommend the 12-inch width.

		Per Roll	Per Lb.
7-A-900	Flashing Strips 8-in. wide and 40-ft. long, state color...	\$0.68	
7-A-901	Flashing Strips 12-in. wide and 40-ft. long, state color...	.98	
7-A-9078	Large Head ⅞-in. Bright Roofing Nails...	\$5.55	7c
7-A-9015	Large Head 1½-in. Bright Roofing Nails...	5.35	7c
7-A-9178	Large Head ⅞-in. Galvanized Roofing Nails...	\$7.80	
7-A-9115	Large Head 1½-in. Galvanized Roofing Nails...	7.45	9c

LUMBER—LUMBER—LUMBER

BRING IN OR SEND US YOUR LUMBER BILL FOR OUR MONEY SAVING PRICES

READ! READ! READ!

The lumber we handle here at our main plant and factory at Chicago is all guaranteed up-to-grade lumber that has been manufactured and graded in accordance with the American standards adopted by the United States Department of Agriculture.

KINDLY NOTE—Let us figure on your complete list of requirements — LUMBER, MILLWORK, HARDWARE, PAINTS, etc., etc. Your savings will be larger in proportion to the size of your bill and there are many advantages in having your complete requirements furnished by a responsible firm. Deliveries can be arranged to suit your convenience and you are not bothered with a multitude of small deliveries.

OUR STOCKS consist of strictly No. 1 Yellow Pine Dimension Lumber, Timbers, Joists, Rafters, Studding, all surfaced four sides, also No. 1 and No. 2 boards, shiplap, and tongued and grooved. **We do not sell or handle No. 3 boards**, such as are sold in many localities for No. 2 grade. Please note our guarantee in first paragraph above.

We also carry a stock of 1x12—12 ft. to 20 ft. No. 2 White

Pine boards. This is a mill grade, which is sold in many localities as No. 1. Also best grades of YELLOW PINE, FIR and OAK finishing lumber. All kiln dried and surfaced stock.

In fact we can furnish you practically everything you need to build or improve. **BRING YOUR COMPLETE BILL OF MATERIAL** and do not forget your plumbing and heating requirements.

We do not list or price common lumber in our catalog. Prices fluctuate too rapidly and we prefer to quote prices on list of requirements prepared by customers.

When sending us your list be sure to specify the quantity, size, length, grade, manufacture and kind of wood you will require. In this connection, it might be well for you to specify what you are going to use each item for, as we often have specials that are especially adapted for certain purposes.

Prices quoted on these pages are good only at the time of publication of the catalog and are shown so that you can make comparisons of values and grades of material offered. They are subject to change without notice.

On this you can depend; material we furnish will be quality material, correct as to grade and count, carefully shipped; we guarantee safe delivery.

Bevel Siding

Also known as "Weather-Boarding Split Siding," "Clap Boards or Lap Siding." Red Wood and Spruce. Machined to standard width and thickness. Standard bundling, consists of regular lengths 4 to 16 ft. All prices per 100 feet, Board Measure. Weight, 80 lbs. per 100 feet.

Note: Order by number. State size, grade and kind of wood wanted. Also for your protection, please state size of space you intend covering.

Number	Size	Grade	Wood	Price
22-A-711	1/2 x 4	Clear	Spruce	\$4.20
22-A-712	1/2 x 6	Clear	Spruce	4.60
22-A-713	1/2 x 4	Clear	Red Wood	4.20
22-A-714	1/2 x 6	Clear	Red Wood	4.60
22-A-715	1/2 x 8	Clear	Red Wood	5.50

Colonial Siding

This popular wide siding, also known as Channel-Rustic siding, is the kind you see used so much on high class Colonial and Dutch Colonial Houses. Numerous modern California Bungalows in the best residential districts are being built with this material specified. When painted white, it makes a most striking appearance. Best grade kiln dried lumber only.

No. 22-A-7201. 1x10 inch clear Fir Colonial siding. Weight, 210 lbs. Price per 100 feet, B.M. \$7.00

Drop Siding

Also known as "Novelty Siding," "Rustic Siding," "German or Dutch Siding" "Patent Siding."

This kind of siding is used where sheathing boards are not used.

Machined to standard widths and thickness. Prices are for assorted lengths 6 to 16 feet and longer. Very small amount of 6 and 8 ft. Pattern No. 106 always in stock.

No. 117 22-A-7150 Price per 100 ft. B. M. Weight per 100 ft. No. 106 22-A-7148

Number	Size	Grade	Wood	Price	Weight
22-A-7148	1x6	Clear	Oregon Fir	\$6.00	190 lbs.
22-A-7150	1x6	Clear	Oregon Fir	6.10	190 lbs.

Byrkits Patent Sheathing Lath or Stucco Lath

Used in place of sheathing boards when wall is to be covered with stucco.

Furnished in random lengths. Tongued and grooved or square edged subject to stock on hand. This material is usually offered in No. 3 grade. We have not found this grade satisfactory therefore we are offering No. 2 and better grade which means Nos. 1 and 2 mixed. Weight, 165 lbs. per 100 ft.

22-A-7139. 1x6 inch. Lengths, 4 to 16 feet. Per 100 feet, B. M. \$4.00



Plastering Lath

Always in stock. Full thickness and width. Mixed Northern pines, No. 1 grade.

Low Prices per 1,000 Pieces.

22-A-7165. 32-inch Lath, Northern Pine: Wt., 325 lbs. per 1000 \$ 5.25
22-A-7166. 48-inch Lath, Northern Pine: Wt., 500 lbs. per 1000 10.50

Creosoted Red Cedar Shingles



"HARRIS BEST"

25 to 40-year Roof

This is, in our opinion, the best roof shingle made. Clear lumber—all heart wood—no-sap and 1/4 sawed, creosoted with best quality creosote and stained. Shingles used are best 5XB.C. clears, 5/2 thickness, 16" long. When applied with galvanized nails, will last 25 years; zinc coated nails, 40 years. Weight, 144 lbs. per square.

22-A-5420. Color, rich brown. Price per square. \$10.60
22-A-5421. Color, moss green. Price per square. 11.15

Sold only by the square. 4 bunches to the square. A square of these shingles will cover 100 square feet of surface, laid 5 inches to the weather, or 90 square feet laid 4 1/2 inches to the weather.

Washington Red Cedar Shingles

Not Creosoted or Stained

22-A-7140. Extra Star A Star 16-inch, 6 to 2 butts. Weight, 160 lbs. Price, per M. \$5.00

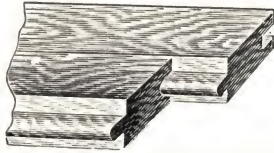
22-A-5415. Extra Clear, 16-inch, 5 to 2 butts. Highest grade made. Weight, 180 lbs. Price, per M. 5.70
 4 Bunches to the M.

1000 will cover 110 square feet laid 4 1/2 inches to the weather.

Continuation of Prices on LUMBER!

Flooring—Ceiling—Stucco Lath—Hardwood Flooring

Yellow Pine and Fir



House Flooring

Best quality. Correctly manufactured and thoroughly kiln dried.

Price per 100 ft. B. M.
Weight 200 lbs. per 100 ft.
Assorted standard lengths.

Number	Finished Size	Grade	Wood	Price
22-A-7120	3/4x3 1/4	Clear	Flat Sawed Fir	\$5.50
22-A-7122	3/4x3 1/4	Clear	Flat Sawed Y. Pine	6.00

Above are the highest grades made. Shipped carefully bundled. Y. P. means Yellow Pine, or Southern Hard Pine.

Fir Porch Flooring

We recommend Fir especially for the purpose of porch floors. It wears better because it is not as soft as Soft Pine and some other woods now being endorsed for Porch floors. This close knit fibrous Fir of the Western Slope, in our opinion, has all other woods backed off the boards for porch floors. Can be furnished in specified lengths, that is, your choice of 6, 7, 8 or 9 ft. lengths.

Price per 100 feet B. M. Weight 200 lbs. per 100 ft.

Number	Size	Grade and Kind	Lengths	Price
22-A-7137	3/4x3 1/4	Clear Flat Grain Fir	6 to 9 ft.	\$5.00
22-A-7138	3/4x3 1/4	Clear Edge Grain Fir	6 to 9 ft.	6.50

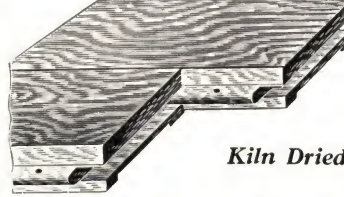
Ceiling—Wainscot and Partition



For porches, under eaves, wainscot, ceiling, etc. All tongued, grooved and beaded, smoothly machined. Kiln dried, suitable for natural finish. Assorted lengths, 6 ft. to 16 ft.

Number	Finished Size	Grade	Wood	Price 100 ft. B. M.	Weight per 100 ft.
22-A-7151	5/8x3 1/4	Clear	Oregon Fir	\$4.60	140
22-A-7153	5/8x5 1/4	Clear	Oregon Fir	6.30	200
22-A-7155	5/8x5 1/4	Select	Oregon Fir	5.60	200

Oak and Maple



Hardwood Flooring

Perfectly Manufactured, Guaranteed Grades

Kiln Dried, End Matched, Tongued and Grooved

Nature has particularly favored these splendid and most substantial of all American hardwoods. Their very names stand for durability.

There is a hardwood flooring grade for every flooring purpose—from public building to private home and from castle to cottage.

A well informed landlord knows that hardwood flooring commands a higher rental, and at the same time attracts a better class of tenants. The real estate dealer who builds to sell, knows that they are his "one best bet."

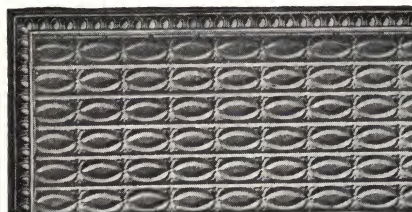
The most convincing endorsement as to the superior merits of hardwood flooring is found in its steadily increasing use for every type of building both private and public.

NOTE—Order by number. State size, grade and kind of wood wanted. Also for your protection, please state size of space you intend covering.

Price per 100 feet Board Measure. Standard lengths.

Number	Finished Size	Grade	Wood	Price	Weight
22-A-5311	3/8x2	Select	Maple	\$ 6.50	100 lbs. per 100 ft.
22-A-5314	3/8x2	Clear	Maple	8.60	
22-A-5316	3/8x2	Select	Oak	7.00	
22-A-5320	3/8x2	Clear	Oak	8.40	
22-A-7155	1 1/8x2 1/4	Clear	Maple	10.50	200 lbs. per 100 ft.
22-A-7156	1 1/8x2 1/4	Select	Maple	9.50	
22-A-7157	1 1/8x2 1/4	Clear	Red Oak	11.50	
22-A-7158	1 1/8x2 1/4	Select	Red Oak	10.00	
22-A-7159	1 1/8x2 1/4	"C" & Btr.	Red Oak	7.25	

ORNAMENTAL METAL CEILINGS



Cornice 7-A-6190. Field 7-A-6100



Cornice 7-A-6197. Field 7-A-6214

Primed With One Coat of Light Gray Paint on Both Sides

Among the advantages of Ornamental Metal Ceiling are Light Weight, Easy Decorating, and Insulation, Permanency, Fire, Dust and Vermin-Proof. We are in a position to furnish Metal Ceiling suitable for use in any class of building. To the left we illustrate two of the most popular designs. Complete catalogue sent on request.

7-A-6190 Cornice, size 3" x 4". Price, per piece 48" long.....\$0.18

7-A-6190-M Mitres for the above, for inner corners......25

7-A-6190-P Mitres for the above cornice for outer or projecting corners......25

7-A-6100 Field Plate, width of design 5". Price, per piece 24" x 96"......78

7-A-6197 Cornice, size 5 1/4" x 5 1/4". Price, per piece 48" long, including wood backing brackets......30

7-A-6197-M Mitres for the above cornice, for inner corners. Price, each......35

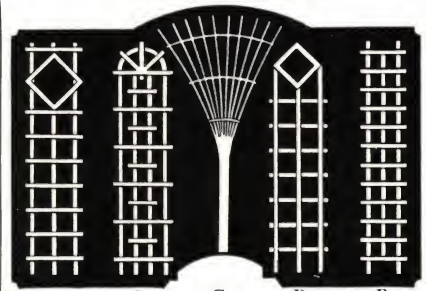
7-A-6197-P Mitres for the above cornice, for outer or projecting corners. Price, each......35

7-A-6214 Field Plate, size of design 6" square. Price, per piece 24" x 96"......80

7-A-6000 Wood Furring Strips, for making old ceiling level. Price, per 100 lineal feet......80

Figure one lineal foot of furring strip for each square foot of ceiling.

WOOD TRELLIS



Please do not confuse these Trellises as the cheap makeshift kind, that are made out from 1/2" x 1/2" strips. Our Trellis are made of 1 x 2 clear Fir except the Fan Trellis, which is made of 1/2" x 1 1/4" pieces to permit flaring.

STYLE A—Fancy Top Trellis, 8 ft. high and 2 ft. wide, painted white. \$2.15

38-A-978 Each.....

STYLE B—Round Top Trellis, 8 ft. high and 2 ft. wide, painted white. \$2.68

38-A-977 Each.....

STYLE C—Fan Trellis, 8 ft. high. Spread starts 2 ft. 6 ins. above ground. Spread at top, 4 ft. wide. Made to be set in ground if desired. Painted white. \$2.00

38-A-975 Each.....

STYLE D—Diamond Top Trellis, 8 ft. high and 2 ft. wide, painted white. \$1.95

Each.....

STYLE E—Plain Trellis, 8 ft. high, 18 ins. wide, painted white. \$1.65

Each.....

Harris Plan-Cut Homes

Carpenter & Mason Built FRAME-BRICK-STUCCO-BRICK VENEER

America's foremost collection of substantial carpenter and mason built, frame, brick, stucco and brick veneer Perfection Harris Homes which are being built in the best residential districts. Carefully planned by experts in every conceivable design and built of finest materials. They comply with all building laws, rules and regulations.

Harris Perfection Homes are "Plan-Cut," which means all dimension lumber is accurately framed by experts with the aid of most modern machinery, here in the only factory of its kind in the City of Chicago. All materials prepared on a tremendous scale without waste, which saves you from \$500 to \$2,000 when you build yours.

If you intend to build, be sure to get all details of this greatest of all home offers. When we show you the time and money saving advantages embodied in our wonderful service you will be delighted with the genuine value of our complete line.

Free Architectural Service

Complete working blue print plans and material lists of any of the following designs are furnished absolutely free of charge to home purchasers. Plans are furnished for homes as pictured or reverse, and—best of all—changes will be made to incorporate your own ideas. It would be impossible to catalog here 3500 special designs that have been prepared for our customers, but these are available for inspection at our office. Architectural service without charge is also offered to those of our customers who want a design entirely of their own planning.

Three Ways to Build

- Plan No. 1—Buy material at cash prices shown for a Harris plan cut home and build it yourself. No chance to make a mistake here.
- Plan No. 2—Buy a Harris plan cut home and let a contract for the construction with a reliable builder. You act as superintendent.
- Plan No. 3—Let us furnish all materials and labor for the Harris Home of your choice, built on your lot as ordered. Erected price on application.

Financial Help for You

For the convenience of our customers who would like to be relieved of the detail in connection with home financing, we will arrange for all mortgage money necessary. It is surprising, really, how little ready cash is necessary to own a Harris Perfection Home.

We arrange loans as follows.

- Plan No. 1—Straight 5-year first mortgage loans without prepayments.
- Plan No. 2—5-year first mortgage loans with prepayments.
- Plan No. 3—You may require in addition to Plan 1 or 2 above, a second mortgage which we will be glad to arrange on a monthly payment basis.
- Plan No. 4—10, 11 and 12 year monthly payment first mortgage.

Our complete financing service includes legal work in connection with titles and abstracts, insurance, inspection and surveys, to responsible parties who desire to own a home of their own. You are invited to make use of our bureau of free information for home owners established here for the convenience of our customers.

Expert Individual Service

This is your invitation to visit our main office and factory here at 1525 W. 35th Street, Chicago, or any one of our 14 material displays and sales rooms conveniently located in Chicago where you can see actual photographs of all homes pictured on the following pages and get full information regarding material and construction costs on the Harris Home of your choice. Better still, a phone call to the main office or any one of our Branches will bring an experienced sales engineer to your home any time of the day or evening with a complete set of large photographs, plans and complete details of construction and financing. In a single visit you get full information and positive proof by facts and figures that we can help you get a better home at a real saving.

"PERFECTION" HARRIS HOMES

Brief Specifications of Material

We furnish for cash prices shown, in accordance with blue print plans and material lists for each Harris Perfection Home.

FOUNDATION—Plank basement sash frames No. 107, plank door frames No. 106, girder posts, girders, wall plates and box sills No. 1 Yellow Pine. No masonry material.

FRAME—Main floor joists, studding, ceiling joists, rafters, No. 1 Yellow Pine spaced 16 inches on centers. Headers and liners doubled around door and window openings. Single 2 x 4 plate below and double 2 x 4 plate above on all partitions. All porch framing also 16 inches on centers.

WALLS—No. 1 Soft Pine lath and grounds for all inside walls, ceilings and partitions. No. 2 Yellow Pine sheathing outside, entire frame covered with insulating felt and your choice of 1/2 x 4-6-8 clear Redwood or Spruce bevel siding or Star A Star 6 to 2 Red Cedar Shingles.

Note: For brick homes we furnish furring strips, lath, lintels and top wall plates only for outside walls. For stucco exteriors we furnish many of the patent sheathing boards such as Byrkit, Gyp lap, Celotex, etc., with galvanized reinforcing wire, but prices shown do not include stucco plaster material. No masonry material.

ROOF—1 x 6 matched and beaded clear lumber, over exposed rafters with sound Yellow Pine tight roof sheathing and certified brand asphalt slate surfaced shingles, best quality, colors red, green, blue black or autumn blend. Many patterns to choose from.

PORCH—All materials, except masonry furnished for porches to be built as shown.

OUTSIDE FINISH AND FLOORING—Clear fir.

FRAMES—Clear fir, casing 1 1/8 inches thick, ready to mail together.

WINDOWS—1 3/8 inches thick, clear White Pine furnished with weights and cord in patterns shown in photographs, clear glass, double strength, tacked and puttied.

DOORS—Front door 1 3/4 inches thick as shown, clear White Pine, your choice of any inside door, clear fir, shown in building material section of this catalog.

OAK FLOORING—1 3/8 x 2 1/4 inch face, select oak flooring for main rooms, No. 1 common Oak for balance throughout.

INTERIOR TRIM AND JAMBS—Your choice of any pattern shown in building material section in clear Yellow Pine, clear fir or unselected gumwood, carefully sanded ready to be installed. Oak, Birch, Walnut and other woods carried in stock and can be furnished. Additional price on application. No cabinet work included. See building material section for prices on stock cabinets.

HARDWARE—All outside lock sets solid bronze. Cylinder lock sets for front doors on medium and larger homes, night latch for smaller. Prices include all door locks, butts, sash locks, lifts, cord, weights, and nails of every description necessary. Nickel finish in bath. Balance of hardware your choice of sand blast, Antique Copper or Lemon Brass finish.

SHEET METAL AND GUTTERING—26 ga. galvanized guttering and down spouts, flashings, fittings, decks, etc.

PAINT—Guaranteed ready mixed lead and oil house paint for a 3-coat job outside over all woodwork. Stain, shellac and varnish for 3-coat job inside. Where shingles are ordered for outside walls we furnish enough creosote shingle stain in any color selected to dip shingles one coat before they are applied.

NOTE: We do not furnish masonry materials of any description. Our engineers have prepared complete plans for guaranteed plumbing and heating systems for all our homes, prices quoted, on application.

Quality & Quantity —GUARANTEE—

WE guarantee to furnish sufficient quantities of material as outlined in our itemized list of materials, and specifications, to construct each Home according to our Blue Print plans. Further, that all materials will measure up to the high standard of quality specified or better. That each item will reach your building site safe, sound and in perfect condition.

This means that there will be no extras, unless you choose to order additional materials or alter construction as the work on your Home progresses.

HARRIS BROTHERS CO.

Harris Homes Occupy A Prominent Place in Best Residential Districts!



Design No. 1028
Harris Home Beautiful
WINNETKA, ILL.



Design No. 121
ELMHURST, ILL.



Design No. 1520
WINNETKA, ILL.



Design No. 1034
Harris Home Beautiful
DOWNERS GROVE, ILL.



Design No. 1018
Harris Home Beautiful
MAYFAIR (Chicago), ILL.



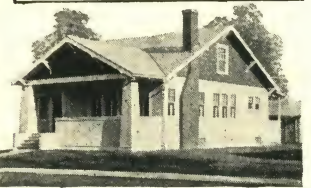
Design No. 2002
Harris Home Beautiful
WILMETTE, ILL.



Design No. 1508
Harris Home Beautiful
OAK PARK, ILL.



Design No. 1000
Harris Home Beautiful
EDISON PARK (Chicago), ILL.



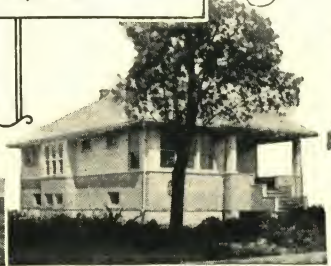
Design No. 1020
Harris Home Beautiful
LA GRANGE, ILL.



Design No. 1512
Harris Home Beautiful
ELMHURST, ILL.



Design No. 1510
Harris Home Beautiful
ELMHURST, ILL.



Design No. 1025
Harris Home Beautiful
VILLA PARK, ILL.



Design No. 2002
Harris Home Beautiful
WILMETTE, ILL.



Design No. 1020
Harris Home Beautiful
WINNETKA, ILL.



Design No. 1028
Harris Home Beautiful
ELMHURST, ILL.



Design No. 1527
Harris Home Beautiful
WESTERN SPRINGS, ILL.



Design No. 1503
Harris Home Beautiful in HAMMOND, IND.



Design No. 1000
Harris Home Beautiful
DOWNERS GROVE, ILL.

Home Builders Endorse Our Expert Service— Guaranteed from Start to Finish



"Well Satisfied"

Harris Brothers Company:

I am very well satisfied with our new house and would recommend Harris Homes first. Am very thankful to you for service received.
Design No. 104 R. R. Maloney.



"Saved \$1,000"

Harris Brothers Company:

Here is a photo of my Harris Home Beautiful, Design No. 1508. Everything came exactly as represented by your salesman. I have saved at least \$1000.00.
Design No. 1508. R. S. Parish.



Exceptional Merit

Harris Brothers Company:

All material of exceptional merit, better than could be purchased from any lumber company at prices that would exceed what you charge for your

Ready-Cut Homes. My home, worth \$500.00 more than we paid.
Design No. 186. E. M. Ward.

"The Only Way"

Harris Brothers Company:

I built Harris Home No. 1022 and found that Harris Brothers sent me the best material and that "Ready-Cut" is the only way to build and save time and money. Am now anxious to build No. 1502.

William Duda.

Design No. 1022.

Ask for Locations of HARRIS HOMES in your neighborhood

We receive hundreds of letters like these from satisfied Harris Home owners in Chicago and surrounding suburbs. There are always many of our Homes under course of construction, and innumerable completed homes which may be seen and inspected by you. A letter of introduction from us to the builder of any Harris Home is all you need to gain admission and get first-hand information. Owners of our Homes always welcome this opportunity to show their appreciation in turn for our highly satisfying Home Building Service.

Names of Builders and locations of Harris Homes in your immediate neighborhood will be cheerfully sent to you on request.

"Service Fine"

Harris Brothers Company:

My house is complete and I am more than pleased with it. Want to thank you for helping me through with the deal and the interest you have taken. Will move in Tuesday of this week. Material is first class and the services rendered surely fine.

Frank W. Hume and Wife.
Design No. 104.

"Very Much Pleased"

Harris Brothers Company:

We are very much pleased with our home and have always been satisfied with all transactions with Harris Brothers. Recently screened back porch with your materials.

C. B. Walworth.

Design No. 1018-A.

"Would Cost \$1,000 More"

Harris Brothers Company:

The Ready-Cut House bought from you is finished and will say it is one of the best houses in the neighborhood. If I was to buy the materials at any place in this part of the city, it would cost me at least \$1000.00 more. Thanks for the prompt delivery.

Paul F. Scholz.
Design No. 1501.



"A Service Unequaled"

Harris Brothers Company:

Here is the fourth Harris Home I have completed and want you to know that the materials received, the instructions sent and perfectly timed deliveries saved me from \$800.00 to \$1200.00 on each house.

Design No. 1522

John Ollin.



"Finest Material"

Harris Brothers Company:

I have been told by carpenters that they have never seen any lumber that good among the dealers around here. Am very well pleased. Check enclosed for balance.

Design No. 1018-B.

Owen Rietveld.



"Saved \$950.00"

Harris Brothers Company:

Am delighted with my Harris Home for it is the best built and best looking building in my neighborhood. I estimated my saving conservatively at \$950.00.

Design No. 1028.

Nels Anderson.



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The LaGrange

Design No. 1000. A California Bungalow, size 28 ft. x 41 ft. 4 in. Planned with 5 splendid rooms and bath. Price of material we furnish..... **\$1,852**

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Glenview

Design No. 1001. This attractive bungalow, size 26 ft. 6 in. x 36 ft., of 5 sunny rooms and bath with attic. Price of material we furnish..... **\$1,764**



The Palos

Design No. 1002. A carefully planned home, size 22 ft. x 32 ft., with 5 comfortable rooms and bath. Price of material we furnish..... **\$1,251**



The Cicero

Design No. 1005. A typical bungalow, size 24 ft. x 32 ft., of 5 conveniently arranged rooms with pantry and bath. Price of material we furnish..... **\$1,515**

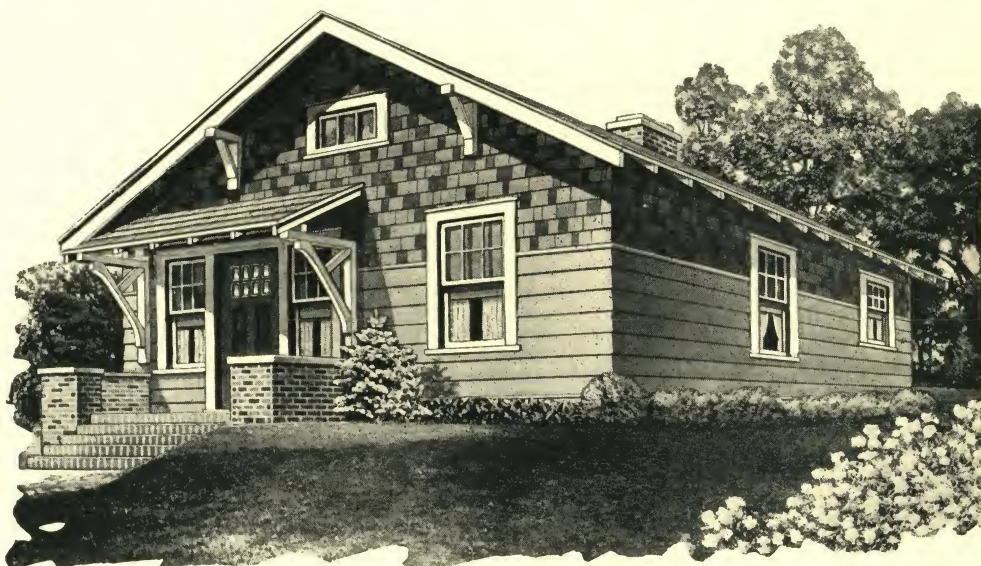


The Rockdale

Design No. 1004. This charming bungalow, size 22 ft. x 36 ft., built with 5 beautiful rooms and bath. Price of material we furnish.. **\$1,479**

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

The Prairie View

Design No. 1003. This cozy home, size 22 ft. x 26 ft., of 4 airy rooms with choice of bath... or pantry. Price of material we furnish.... **\$982**

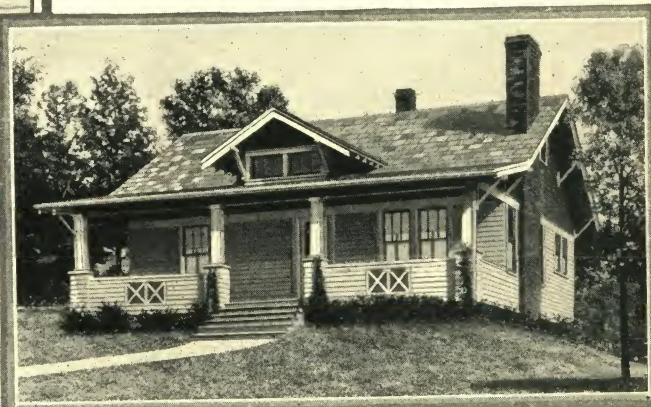
Also Furnished in—

Size 18 ft. x 26 ft. Price, \$819 Size 20 ft. x 26 ft. Price, \$922



The Frontenac

Design No. 1007. A dignified bungalow, size 40 ft. x 26 ft., of 6 conveniently arranged rooms and bath. Price of material we furnish... **\$1,783**



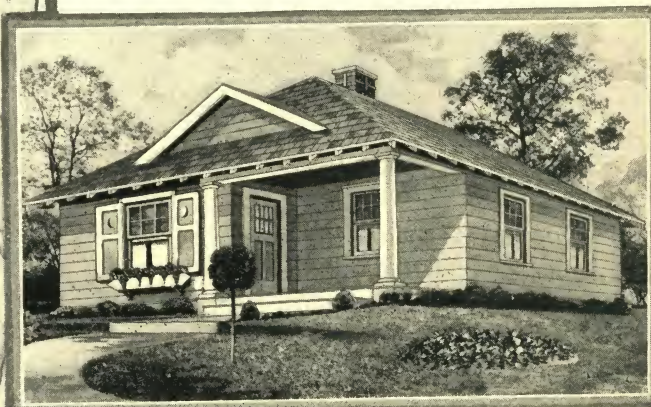
The Orland Park

Design No. 1006. An exceptional design, size 30 ft. x 29 ft. 6 in., with 5 large rooms of solid comfort and bath. Price of material we furnish... **\$1,559**



The Antioch

Design No. 1008. This carefully planned cottage, size 26 ft. x 20 ft., of 4 rooms and pantry.... **\$950**
Price of material we furnish.....



The Wayne

Design No. 1009. An attractive cottage, size 20 ft. x 28 ft., with 4 pleasant rooms, bath and... **\$1,003**
pantry. Price of material we furnish....



HARRIS PERFECTION HOMES PLAN-CUT

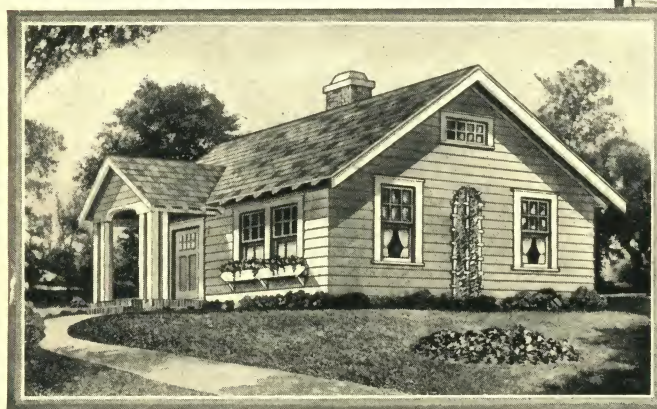
We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Prescott

Design No. 1017. A stucco design, size 25 ft. 6 in. x 36 ft., with 5 airy rooms and bath.
Price of material we furnish..... \$1,490
Stucco plaster or siding not furnished. See specifications page 57.

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Itasca

Design No. 1012. A Queen Anne type cottage, size 16 ft. x 20 ft., with 3 ideally arranged rooms. Price of material we furnish..... \$645



The Park Ridge

Design No. 2193. Cozy brick bungalow, size 24 ft. x 38 ft., with 5 beautiful rooms, bath, pantry and attic.
Price of material we furnish..... \$1,594
Furring strips and lath furnished for outside walls.



The Lockport

Design No. 1016. This practical Bungalow-cottage, size 20 ft. x 26 ft., has 5 inviting rooms.
Price of material we furnish..... \$923



The Hobart

Design No. 1021. This homelike, restful cottage, size 25 ft. 6 in. x 33 ft. 4 in., with 5 cozy rooms and bath. Price of material we furnish..... \$1,468

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

The Desplaines

Design No. 1022. A handsome exterior, size 26 ft. x 24 ft., with 4 nicely arranged rooms and bath. Price of material we furnish . . \$1,327



The Wilmette

Design No. 1018. This modern bungalow, size 24 ft. x 32 ft., has 5 nicely arranged rooms and bath. Price of material we furnish... \$1,512



The Batavia

Design No. 1020. An imposing home, size 34 ft. x 38 ft., of 6 inviting rooms and bath. Price of material we furnish..... \$2,163



The Minoka

Design No. 1023. An ideally arranged home, size 25 ft. 4 in. x 34 ft. 8 in., of 5 artistic rooms and bath. Price of material we furnish.. \$1,636

Stucco plaster above siding not furnished. See specifications page 57.



The Hampshire

Design No. 1019. This up-to-date bungalow, size 29 ft. 10 in. x 44 ft., with 6 light, airy rooms and bath. Price of material we furnish.. \$1,980



HARRIS PERFECTION HOMES PLAN-CUT

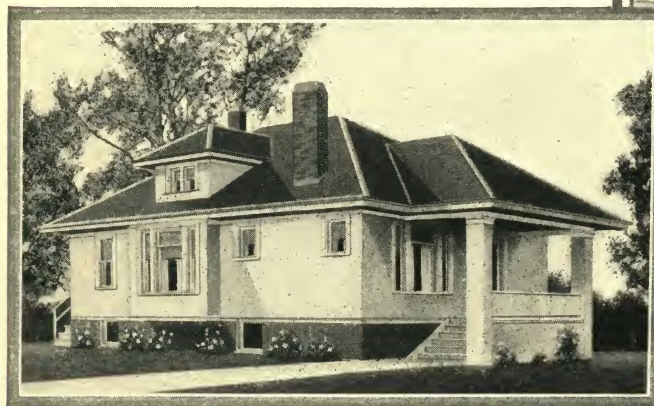
We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Addison

Design No. 1035. A beautiful stucco design, size 24 ft. x 32 ft., with comfort and economy built into 5 nice rooms with bath and pantry. Price of material we furnish..... **\$1,490**
Stucco plaster or siding not furnished. See specifications page 57.

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Bensonville

Design No. 1027. This Stucco home, size 25 ft. 4 in. x 34 ft., gives 5 spacious rooms with bath and attic. Price of material we furnish... **\$1,629**
Stucco plaster or siding not furnished. See specifications page 57.



The St. Charles

Design No. 1029. A popular design, 34 ft. 8 in. x 24 ft., with 5 cleverly planned rooms, bath and attic. Price of material we furnish..... **\$1,589**
Stucco plaster below shingles not furnished. See specifications page 57.



The Arlington

Design No. 1031. A much admired home, size 24 ft. x 32 ft., with 5 perfectly arranged rooms and bath. Price of material we furnish..... **\$1,586**



The Norman

Design No. 1024. An inviting bungalow, size 26 ft. x 32 ft., an harmonious arrangement of 5 inviting rooms with bath. Price of material we furnish..... **\$1,502**

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



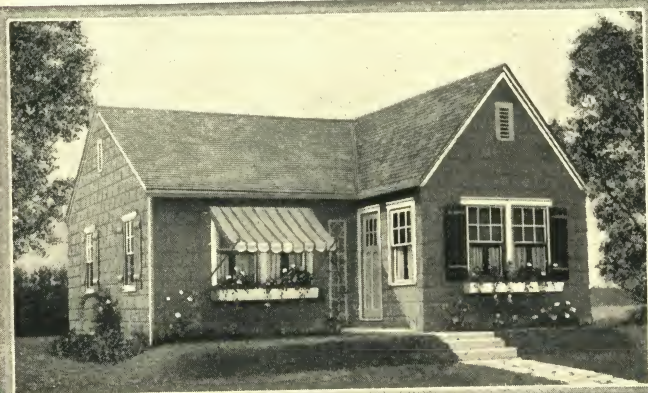
The Bremen

Design No. 1028. Combination Brick and Stucco, size 25 ft. 4 in. x 36 ft. This elegant home of 5 spacious rooms and bath. Price of material we furnish.....\$1,758

Stucco plaster or siding not furnished—see specifications page 57.

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Lombard

Design No. 1038. An ideal American home, size 30 ft. x 32 ft. Planned with 4 comfortable rooms, sun parlor and bath. Price of material we furnish.....\$1,489



The Roselle

Design No. 1036. A wonderful value, 35 ft. 6 in. x 36 ft. 6 in. 5 attractive and comfortable rooms with bath. Price of material we furnish.....\$1,835



The Whiting

Design No. 1025. An admirable home, size 26 ft. 10 in. x 41 ft. 4 in. 5 splendid rooms and sun parlor. Price of material we furnish \$1,699
Stucco plaster above siding not furnished—see specifications page 57.



The Glen Ellyn

Design No. 1026. A magnificent home, size 38 ft. 8 in. x 48 ft., of 7 elegant rooms and bath. Price of material we furnish.....\$2,495



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Lake Forest

Design No. 1037. A carefully planned home, size 24 ft. x 40 ft., with 5 splendid rooms, bath and pantry. Price of material we furnish **\$2,120**
Stucco plaster or siding not furnished—see specifications page 59.

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Lemont

Design No. 1039. An original design, size 24 ft. x 40 ft., planned with 5 tasteful, well balanced rooms and bath. Price of material we furnish **\$2,050**



The Atwood

Design No. 1034. A popular stucco home, size 24 ft. x 42 ft., of 5 spacious rooms, bath, sun parlor and attic. Price of material we furnish **\$2,284**
Stucco plaster or siding not furnished—see specifications page 59.



The Boulevard

Design No. 1030. An harmonious arrangement, size 22 ft. x 38 ft., of 5 sunny rooms with bath and attic. Price of material we furnish **\$1,759**

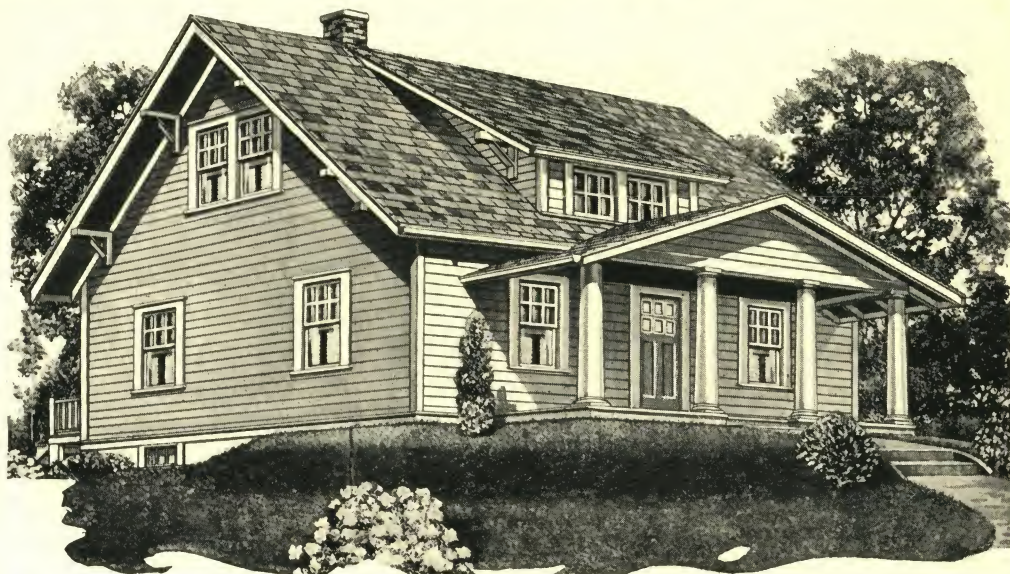


The Elmhurst

Design No. 1032. An attractive home, size 24 ft. x 42 ft., of 5 large rooms, bath and sun parlor. Price of material we furnish **\$2,420**
Stucco plaster or siding not furnished—see specifications page 59.

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

The Grove

Design No. 1502. A charming cottage, size 26 ft. x 26 ft., with 6 sunny rooms and bath. Price of material we furnish..... \$1,628



The St. Charles

Design No. 1500. An artistic bungalow, size 25 ft. 6 in. x 28 ft. Carefully planned with 6 charming rooms and bath. Price of material we furnish..... \$2,125



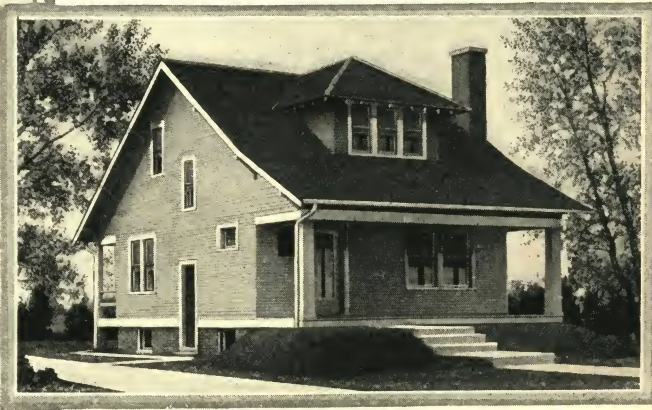
The Elgin

Design No. 1503. A substantial home, size 27 ft. 6 in. x 40 ft., with 5 perfect rooms, bath and attic. Price of material we furnish.. \$2,110



The Evanston

Design No. 1501. This popular stucco design, size 25 ft. 6 in. x 34 ft. Substantial construction with a beautiful interior of 6 rooms and bath. Price of material we furnish..... \$2,045



The Aurora

Design No. 1504. An unusual home, size 24 ft. x 31 ft. 8 in. of 6 delightful rooms and bath. Price of material we furnish.... \$2,030



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Beecher

Design No. 1505. Undeniably attractive, size 22 ft. x 30 ft. A home of 6 splendid rooms and bath. Price of material we furnish... **\$1,934**

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Wheeling

Design No. 1508. A stucco design, size 27 ft. 6 in. x 40 ft., with 7 spacious rooms, 2 baths and storage. Price of material we furnish... **\$2,386**
Stucco plaster or siding not furnished. See specifications page 57.



The Adams

Design No. 1510. A stucco home, size 25 ft. 6 in. x 28 ft., of 6 light, sunny rooms and bath. Price of material we furnish... **\$1,928**
Stucco plaster or siding not furnished. See specifications page 57.



The Elwood

Design No. 1507. A real investment, size 24 ft. x 24 ft., with 6 modern rooms and bath. Price of material we furnish... **\$1,621**



The Plano

Design No. 1506. This striking design, size 28 ft. x 26 ft., of 6 inviting rooms and bath. Price of material we furnish... **\$2,118**

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

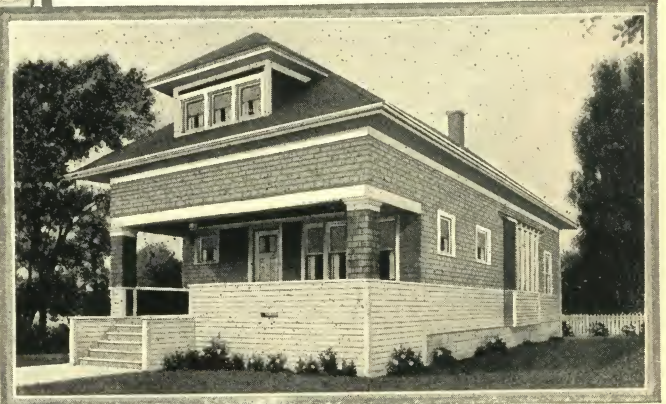
The Harmony

Design No. 1514. A practical home, size 25 ft. 4 in. x 21 ft. 4 in. 6 rooms of solid home comfort with bath. Price of material we furnish.....\$1,471



Ardmore

Design No. 1512. An artistic design, size 26 ft. 8 in. x 29 ft. 4 in. 6 beautiful rooms and bath. Price of material we furnish.....\$1,873



The Maple Park

Design No. 1511. This modern Home, size 25 ft. 6 in. x 34 ft., with 5 elegant rooms, bath and store-room. Price of material we furnish.....\$1,902



The River Forest

Design No. 1513. A wonderful value, size 20 ft. x 20 ft. 5 carefully planned rooms and hall. Price of material we furnish.....\$1,136
Size 20 ft. x 20 ft. Price.....\$1,184
Size 20 ft. x 24 ft. Price.....\$1,346



The Westmore

Design No. 1509. A spacious home, size 24 ft. x 40 ft., of 5 charming rooms, bath and attic. Price of material we furnish.....\$2,420



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Homewood

Design No. 1517. Modern Stucco bungalow, size 29 ft. 6 in. x 26 ft., of 6 large rooms and bath. Price of material we furnish..... **\$1,882**

Stucco plaster or siding not furnished—see specifications page 57.

NOTE:

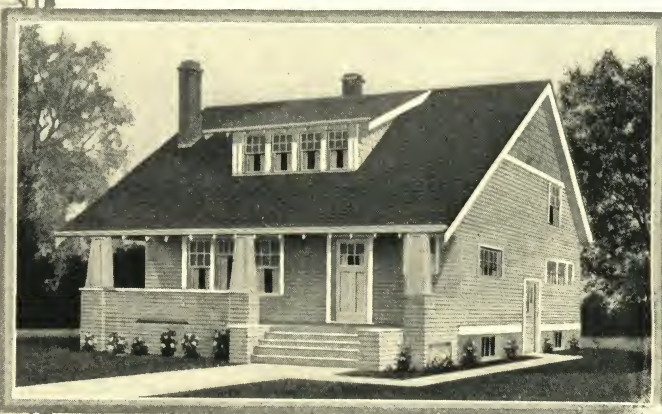
All Homes furnished as shown or in reversed plans to suit your location.



The Bellevue

Design No. 1516. An impressive bungalow, size 33 ft. 6 in. x 26 ft. 10 in., of 7 artistic rooms and bath. Price of material we furnish..... **\$2,256**

Stucco plaster or siding not furnished—see specifications page 57.



The Olympic

Design No. 1515. Extremely modern, size 28 ft. x 26 ft. Planned with 6 generous sized rooms, bath and reception hall. Price of material we furnish..... **\$2,232**



The Rainier

Design No. 1518. Skillfully planned, size 21 ft. x 22 ft. 8 in., with 5 comfortable rooms and bath. Price of material we furnish... **\$1,528**



The Cloverdale

Design No. 1519. For town or country, size 24 ft. x 28 ft. Economical comfort built into these 6 charming rooms with pantry. Price of material we furnish..... **\$1,850**

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request.



The Triumph

Design No. 1520. An elegant stucco home, size 24 ft. x 29 ft. 4 in. Unsurpassed beauty with these 7 elegant rooms and bath. Price of material we furnish..... **\$2,119**

Stucco plaster or siding not furnished—see specifications page 57.

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Hudson

Design No. 1521. An impressive home, size 21 ft. 4 in. x 26 ft. 8 in. Carefully planned with 5 sunny rooms and bath. Price of material we furnish..... **\$1,530**



The Greenwich

Design No. 1524. An attractive home, size 21 ft. 6 in. x 28 ft., of 5 light, sunny rooms and bath. Price of material we furnish.... **\$1,728**



The Harrison

Design No. 1522. This aristocratic design, size 25 ft. 6 in. x 29 ft. 4 in., with 6 elegant rooms and bath. Price of material we furnish..... **\$2,213**



The Del Rey

Design No. 1523. A pleasing design, size 32 ft. x 37 ft., arranged with 7 splendidly proportioned rooms and bath. Price of material we furnish..... **\$2,526**



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Stockton

Design No. 2021. An impressive home, size 38 ft. x 26 ft., of 7 beautiful rooms with breakfast alcove, bath and pantry. Price of material we furnish..... **\$2,723**

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Sherman

Design No. 1529. A charming home, size 26 ft. x 22 ft., of 6 splendid rooms with bath and pantry. Price of material we furnish... **\$1,696**



The Wolcott

Design No. 1528. Modern and inviting, size 22 ft. x 28 ft. 6 nice rooms with sun parlor, bath and pantry artistically arranged. Price of material we furnish..... **\$2,037**



The Sheridan

Design No. 1527. Perfect symmetry and balance, size 24 ft. x 44 ft., with 5 spacious rooms, bath, sun parlor and attic. Price of material we furnish..... **\$2,571**

Stucco plaster or siding not furnished see specification page 57.



The Hampton

Design No. 1525. A suburban design, size 22 ft. x 36 ft., of 4 inviting rooms with bath and attic. Price of material we furnish..... **\$1,810**

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

The Revere

Design No. 2020. A charming home, size 35 ft. 6 in. x 26 ft., of 6 generous sized rooms with sun parlor and bath. Price of material we furnish \$2,796



The Edgemont

Design No. 1534. Very attractive exterior, size 24 ft. x 32 ft. 5 inviting rooms with sun parlor, bath and pantry. Price of material we furnish \$2,312
Stucco plaster or siding not furnished see specification page 57.



The Aristocrat

Design No. 1530. A home to be proud of, size 22 ft. x 32 ft. Planned with 6 elegant rooms, bath and pantry. Price of material we furnish \$2,162



The Elder

Design No. 2001. This attractive home, size 20 ft. x 28 ft., with 6 delightful rooms and bath. Price of material we furnish \$1,804



The Jefferson

Design No. 1526. A colonial design, size 22 ft. 8 in. x 24 ft., of 6 spacious rooms with bath. Price of material we furnish \$1,691



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Buchanan

Design No. 2002. A faithful execution of colonial design, size 34 ft. x 22 ft., with 7 sunny rooms and bath. Price of material we furnish.....\$2,276

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Gladiator

Design No. 2004. A substantial home, size 24 ft. x 28 ft., of 7 charming rooms and bath. Price of material we furnish.....\$2,297



The Gary

Design No. 2006. Well planned, size 22 ft. x 36 ft., with 7 splendid rooms and bath. Price of material we furnish.....\$1,930



The Van Dale

Design No. 2005. Dutch colonial home, size 36 ft. x 30 ft., with 7 beautiful rooms and bath. Price of material we furnish.....\$2,897



The Richford

Design No. 2007. A comfortable home, size 21 ft. 4 in. x 30 ft., of 6 good sized rooms and bath. Price of material we furnish.....\$2,057

HARRIS PERFECTION HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



The Hancock

Design No. 1012. A Dutch colonial home, size 24 ft. x 32 ft., of 6 gorgeous rooms with bath and sun parlor. Price of material we furnish.....\$2,770

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Hopkins

Design No. 1010. Two-apartment home, size 30 ft. x 37 ft., of 5 delightful rooms each and bath. Price of material we furnish..... \$3,287



The Cleveland

Design No. 1013. A sturdy structure, size 22 ft. x 36 ft., of 6 elegant rooms with bath and sun parlor. Price of material we furnish..\$2,563



The Lincoln

Design No. 2008. A space saver, size 20 ft. x 36 ft. Planned with 6 homelike rooms and bath. Price of material we furnish..... \$1,924



The Concord

Design No. 2028. An imposing stucco design, size 24 ft. x 31 ft. 4 in., with 7 elegant rooms and bath. Price of material we furnish...\$2,054
Stucco plaster or siding not furnished, see specifications page 57.



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Carroll

Design No. 2025. Architecturally correct, size 34 ft. x 28 ft. 6 artistic rooms with breakfast alcove, bath and pantry. Price of material we furnish.....\$2,475

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Brunswick

Design No. 2003. This desirable home, size 24 ft. x 30 ft., cleverly designed with 7 attractive rooms and bath. Price of material we furnish.....\$2,375



The Roosevelt

Design No. 2000. A home of character, size 28 ft. x 28 ft. Perfect balance and harmony built into 8 sunny rooms and bath. Price of material we furnish.....\$2,374



The Hayes

Design No. 2018. Plenty of space, size 26 ft. 8 in. x 30 ft. 10 in. An impressive home with 7 generous sized rooms and bath. Price of material we furnish.....\$2,285



The Monroe

Design No. 2015. A palatial home, size 28 ft. x 32 ft. Substantial and neat with 8 splendid rooms and bath. Price of material we furnish.....\$2,476

HARRIS PERFECTION HOMES PLAN-CUT

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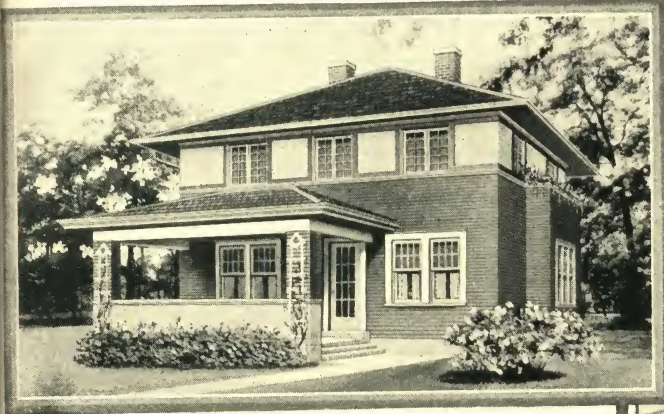


NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

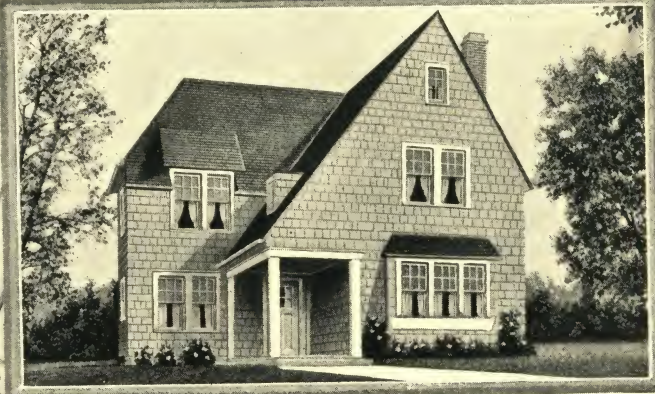
The Irving

Design No. 2019. A spacious home, size 30 ft. x 27 ft. 6 in., of 7 inviting rooms with bath. Price of material we furnish..... \$2,175



The Ontario

Design No. 2017. Very dignified, size 30 ft. x 26 ft. 8 in. 7 substantial rooms with bath and alcove. Price of material we furnish. \$2,228



The Hughes

Design No. 2023. Comfortably arranged, size 32 ft. x 27 ft. 6 in., with 6 delightful rooms, bath and butler's pantry. Price of material we furnish..... \$2,458



The Winthrop

Design No. 2022. Gracefully designed, size 26 ft. 10 in. x 33 ft. 6 in., with 7 harmonious rooms and bath. Price of material we furnish..... \$2,342



The Highland

Design No. 2024. Convenience and roominess, size 30 ft. x 30 ft., 7 splendid rooms and bath. Price of material we furnish..... \$2,427



HARRIS PERFECTION HOMES PLAN-CUT

We furnish guaranteed quantities of all lumber, shingles or siding, lath, asphalt shingles for roof, oak flooring, frames, doors, windows, moulding, glass, insulating felt, hardware, nails, gutters, paints, stains and varnishes.

The Sovereign

Design No. 2026. Perfect harmony and grace, size 28 ft. x 27 ft., in 6 comfortable rooms and bath. Price of material we furnish..... \$1,889

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



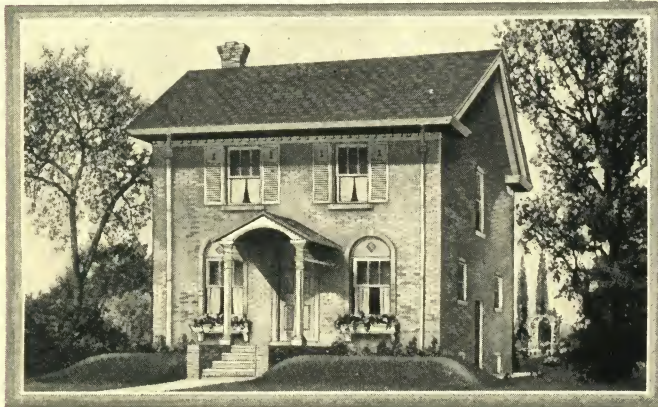
The Bradbury

Design No. 2027. Exceptionally desirable, size 26 ft. x 28 ft. Well planned with 6 light, livable rooms and bath. Price of material we furnish..... \$2,196



The Winslow

Design No. 2031. A country home, size 30 ft. x 36 ft. 8 in., of 8 delightful rooms and bath. Price of material we furnish..... \$2,796



The Ridgedale

Design No. 2029. A charming brick home, size 24 ft. x 26 ft., of 6 inviting rooms and bath. Price of material we furnish..... \$1,648
Furring strips and lath furnished for outside walls.



The Brewster

Design No. 2032. This massive brick home, size 52 ft. x 28 ft., of 8 splendid rooms with bath, pantry and garage. Price of material we furnish..... \$3,455
Furring strips and lath furnished for outside walls.

Harris Economy Homes

Carpenter and Mason Built

PLAN CUT

Moderately Priced and Substantially Built

Harris Economy Homes as illustrated in the following pages will be of particular interest to those who wish to build a moderate priced home for an investment. From our hundreds of practical designs you can choose one correctly proportioned for any sized lot. We furnish only highest quality, bright clear stock, same grades as specified in our "Perfection" Homes, guaranteed to give you complete satisfaction.

Three Ways to Build

Our home building plan meets the requirements of everyone:

- 1—Buy the material we furnish and build a "Harris Economy Home" yourself.
- 2—Buy our materials and let your own carpenters do the work under your supervision.
- 3—Let us furnish all material and labor for your "Harris Economy Home" built on your lot as ordered. Price on application.

Reliable Architectural Service

Complete working blue print plans and material lists of any of the following designs are furnished absolutely free of charge to our home purchasers. Plans are furnished for homes as pictured or reverse and changes will be made to suit wherever necessary.

Financial Help for You

We arrange for all mortgage money. The Harris Home Man is prepared to complete all details of construction and financing in a single visit with you.

Build
Now!

Brief Specifications of Material

We furnish for cash prices shown in accordance with blue print plans and material list furnished for each Harris Economy Home.

FOUNDATION: Plank basement sash frames No. 107, plank door frame No. 106, girder posts, girders, wall plates No. 1 Yellow Pine. No masonry materials.

NOTE: 6 in. cedar foundation posts with 6x6 No. 1 Yellow Pine sills and girders furnished without skirting at same price if temporary foundation is wanted.

FRAME: Main Floor joists and rafters 24 in. on centers. Studding and ceiling joists 16 in. on centers, all No. 1 Yellow Pine. Single headers around door and window openings. Single bottom and top plates on all partitions.

WALLS: SMOOTH WALL Plasterboard for all inside walls, ceilings and partitions. No. 2 Yellow Pine sheathing outside, entire frame covered with insulating felt and your choice of 1/2x4-6 or 8 clear Redwood or Spruce bevel siding or Star A Star Red Cedar Shingles.

ROOF: 1x6 matched and beaded lumber over exposed rafters with sound Yellow Pine tight roof sheathing and Harris Very Best slate surfaced asphalt roll roofing, color either red, green or blue black. Necessary lap cement and nails included.

PORCH: All materials, except masonry furnished for porches to be built as shown.

OUTSIDE FINISH AND FLOORING: Clear Fir.

FRAMES: Clear Fir, casings 1 1/8 in. thick, K. D.

WINDOWS: 1 3/8 in. thick, clear White Pine, furnished with weights and cord in patterns shown in photographs, clear glass, tacked and puttied.

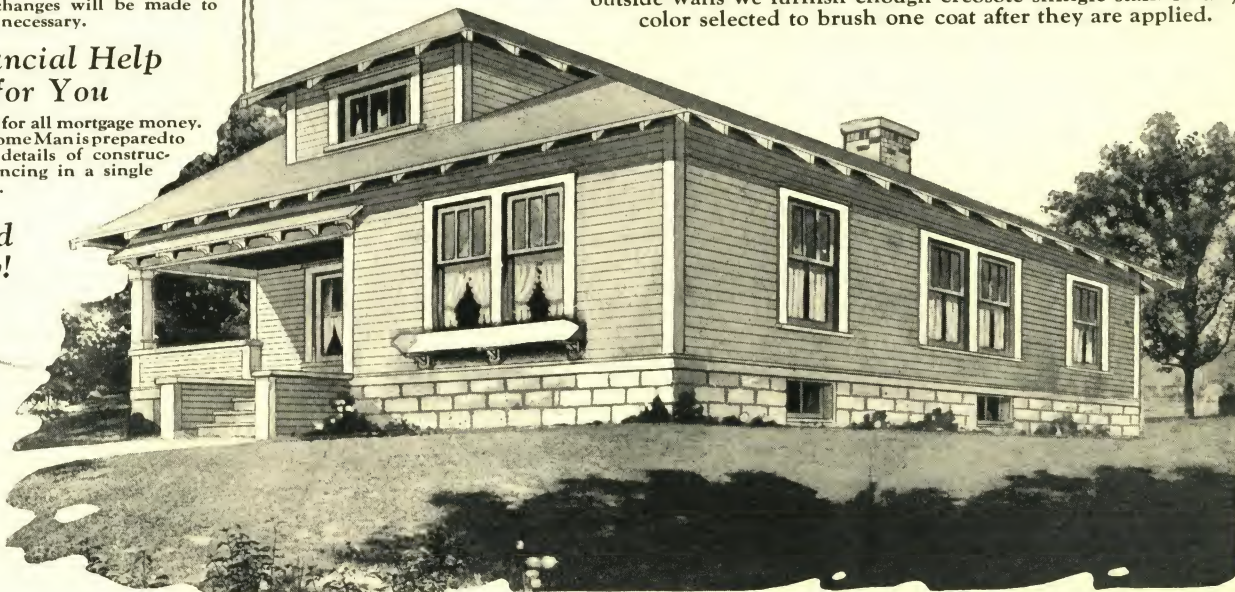
DOORS: Outside doors as shown, clear White Pine. Your choice of any inside door, clear Fir shown in building material section of this catalog.

FINISH FLOORING: 1 3/16 x 3 1/4 in. face, end matched, tongued and grooved flooring, Yellow Pine throughout.

INTERIOR TRIM AND JAMBS: Mission door and window trim No. 1908 and No. 1912 in clear Yellow Pine or Clear Fir. Gumwood, Oak, Birch, Walnut and other woods carried in stock and can be furnished for additional price on application. No cabinet work included. See building material section for cabinets in stock and prices.

HARDWARE: All outside lock sets solid bronze. Price includes all door locks, butts, sash locks, lifts, cord, weights and nails of every description necessary. Nickel finish in bath. Balance either Antique Copper or Lemon Brass finish.

PAINT: Guaranteed ready mixed lead and oil house paint for 2-coat job outside over all woodwork. Stain and varnish for 2-coat job inside. Note, where shingles are ordered for outside walls we furnish enough creosote shingle stain in any color selected to brush one coat after they are applied.

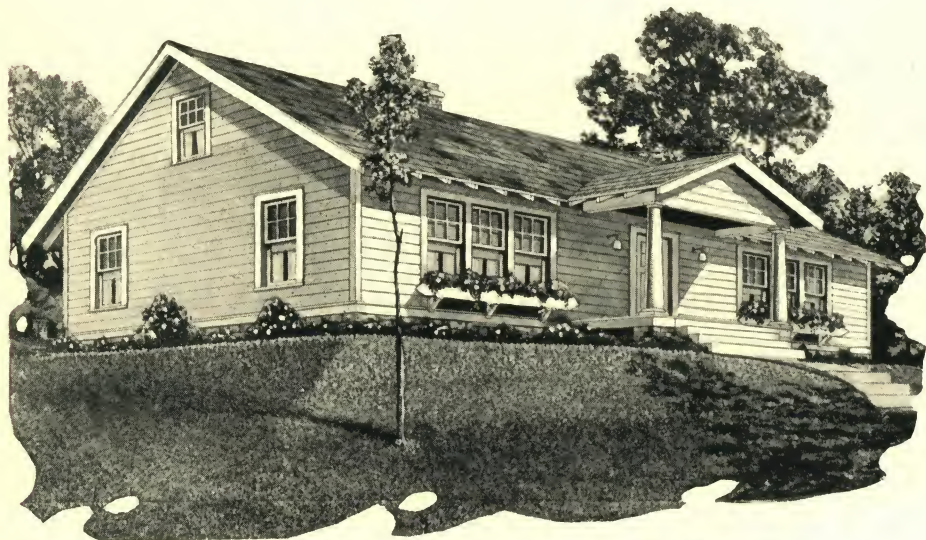


The Odessa "Economy" Home

Design No. 104. This is probably the most popular, moderate priced Economy Home we have developed. Splendidly proportioned, well balanced exterior, planned with a comfortable interior. The size 24 feet x 36 feet permits erection on a small lot. There are 5 good sized rooms, a bathroom and pantry. Price of material we furnish.. **\$1,096**

Plans of many other Economy Homes in a wide range of design and interior room arrangements are available for your inspection here at our plant. A few of the more popular designs are shown in the next pages. In a short visit you can inspect the complete line and with the help and advice of our building experts secure much valuable Home Builders' information.

Harris
Economy
Homes
Make
Home
Owning
Easy



The Walton (above)

Design No. 107. An exceptional design, size 36 ft. x 24 ft., with 5 cheerful rooms and bath. Price of material we furnish..... **\$1,317**

NOTE:

All Homes furnished as shown or in reversed plans to suit your location. Architectural Service Free!

The Maryland (at right)

Design No. 186. This homelike cottage, size 22 ft. x 28 ft., of 4 sunny rooms, bath and closets. Price of materials we furnish..... **\$902**



The Argyle (at left)

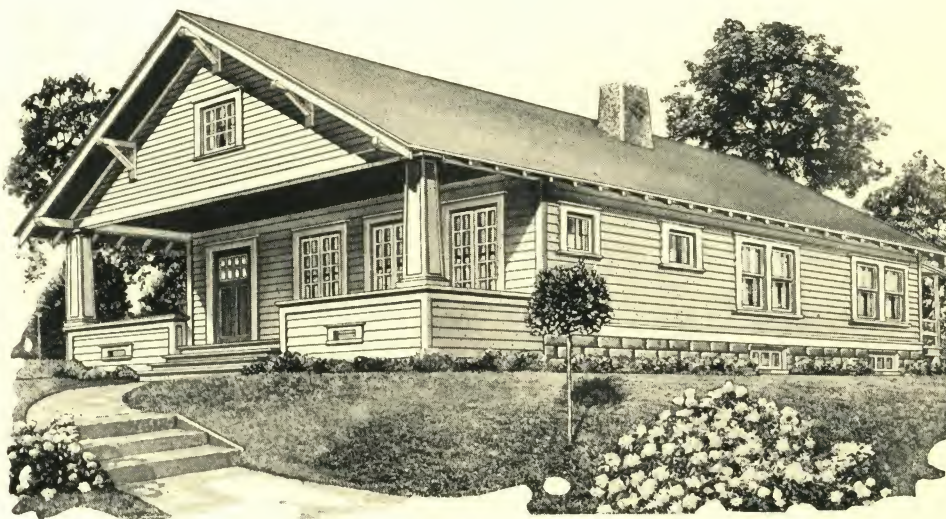
Design No. 105. A beautiful home, size 24 ft. x 36 ft., with 5 sunny rooms, bath and pantry. Price of material we furnish..... **\$1,178**

Many Other Designs

New designs are being constantly developed to incorporate the latest achievements in small home planning. It is quite natural that most of the ideas for added conveniences and improvements come from individuals like you. Your suggestions will be welcomed.

HARRIS ECONOMY HOMES PLAN-CUT

Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.



The Hudson (above)

Design No. 121. A well planned home, size 24 ft. x 38 ft., with 5 rooms and bath. Price of material we furnish. **\$1,369**

NOTE:

All homes furnished as shown or in reversed plans to suit your location. Architectural Service Free!

The Marietta (at left)

Design No. 293. A colonial type cottage, size 28 ft. x 20 ft., with 3 large rooms, bath and breakfast alcove. Price of material we furnish..... **\$816**



The Truesdale (at right)

Design No. 150. This attractive home, size 24 ft. x 36 ft., of 5 splendid rooms, bath and pantry. Price of material we furnish..... **\$1,099**

Experts to Help You

Practical Home Building men are waiting to help you plan the design and construction of your home from start to finish. They will incorporate your individual ideas and supply you with much valuable information.



Harris Dependable Homes

Built by Our Carpenters on
Your Lot If It Is Located Within
35 Miles of Our Plant

Specifications in brief of material and labor for Harris Dependable Homes

FOUNDATION—Heavy cedar posts and No. 1 yellow pine sills and girders, 4" x 6".

FRAMING MATERIALS—All No. 1 Yellow Pine. Studding, ceiling joists, and rafters 2x4 24" O. C. Floor joists 2x6 24" O. C.

FLOORING (Single)—1x4 clear fir or yellow pine with light weight roll roofing underneath.

ROOF SHEATHING—No. 2 Yellow Pine, 1x6.

INSULATING FELT—Light weight roll roofing under floor and drop siding.

SIDEWALLS (Single)—Clear Fir drop siding.

OUTSIDE FINISH—Select grade Fir.

WINDOW AND DOOR FRAMES—Clear Fir 1 1/2" casings. Sills 1 1/2" clear Fir.

WINDOW SASH—1 1/2" check rail, clear White Pine, glazed, tacked and puttied.

ROOFING—Best quality slate surfaced roll roofing, Red, Green, or Blue-Black.

DOORS—1 3/4" thick. Outside doors glazed; inside doors 2-panel Fir. Note: Except door on No. 700 which is 1 3/4" COLONIAL WHITE PINE.

INTERIOR WOODWORK—Clear Yellow Pine, MISSION style.

PLASTERBOARD—3/8" thick, all walls and ceilings.

HARDWARE, NAILS AND PAINT—Sufficient amounts for all purposes including painting material for one coat.

LABOR—Prices on this page include carpenter labor only.

NOTE:

Blue Prints, Financial Data and full information to complete the construction of these homes cheerfully supplied by our experts.

PHONE
TODAY!

This Home
Now Built
Complete for
Your Inspection



The Eldorado "Dependable" Home

Design No. 700. An attractive home, size 28 ft. x 20 ft. with 5 cozy rooms. Price built by our carpenters on your lot..... \$1,098

Price of Material Only..... 685

Easy Terms Arranged

- 1st. If your lot is not fully paid for: Terms, \$150.00 cash with your order, then \$50.00 per month for 24 months, which includes interest.
- 2nd. If you own your lot clear: Terms, \$78.00 cash with your order, then \$34.14 per month for 36 months, which includes interest.

See this attractive home and the superior quality of the materials used in its construction. Go to our Berwyn, South Shore, Hammond and Gary Branch stores.

HARRIS

DEPENDABLE

HOMES

PLAN-CUT

We furnish guaranteed quantities of all lumber, roofing, siding, plaster-board, flooring, frames, doors, windows, mouldings, glass, insulating felt, hardware, nails, paints and varnish.



NOTE:

All Homes furnished as shown or in reversed plans to suit your location.

The "Los Altos"

Design No. 600. 4 rooms of solid comfort, size 20 ft. x 20 ft. Price built on your lot.....\$790.90
\$92.72 down and \$37.00 per month for 24 months, which includes interest; or \$60.00 down and \$24.47 per month for 36 months, which includes interest.
Price of material only.....\$528.40



The "Delavan"

Design No. 704. Three nice rooms with screened-in porch. Size 20 ft. x 28 ft. Price built on your lot.....\$1,042.00
\$152.00 down and \$47.50 per month for 24 months, which includes interest; or \$75.00 down and \$32.37 per month for 36 months, which includes interest.
Price of material only\$662.00

Subdividers, Note:

Our big stocks and bureau of builders' information offers a splendid connection for you to develop your vacant property. Our proposition will interest you.



The Northmoor

Design No. 706. This well planned home, size 20 ft. x 24 ft., of 4 cozy rooms and screened-in porch. Price built on your lot.....\$998.00
\$133.52 down and \$46.00 per month for 24 months, which includes interest; or \$70.00 down and \$31.07 per month for 36 months, which includes interest.
Price of material only.....\$635.00

The "Brookview"

Design No. 705. This imposing home, size 20 ft. x 36 ft. of 4 comfortable rooms, bathroom and screened-in porch. Price built on your lot.....\$1,278.50
\$217.34 down and \$57.00 per month for 24 months, which includes interest; or \$85.00 down and \$39.95 per month for 36 months, which includes interest.
Price of material only\$803.50

Renters, Note:

These comfortable, well arranged Homes give you added comforts and conveniences. A small down payment and the rent you will pay in the next two years will cover the completed costs.



HARRIS DEPENDABLE HOMES PLAN-CUT

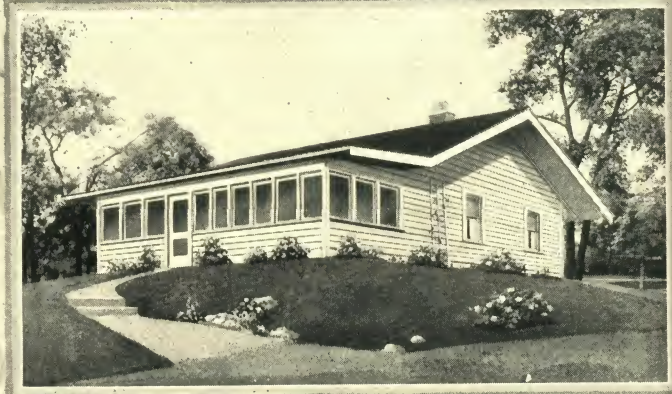
Blue Prints, complete material specifications, finished construction costs and financial data, covering any Home on these pages, gladly furnished on request. A telephone call brings an expert to your home.

The Ferndale

Design No. 701. This imposing home, size 28 ft. x 20 ft. of 4 cozy rooms and bathroom. Price built on your lot..... **\$1,148**
\$199.52 down and \$51.00 per month for 24 months, which includes interest; or \$80.00 down and \$35.75 per month for 36 months, which includes interest.
Price of material only..... **\$737**

NOTE:

All Homes furnished as shown or in reversed plans to suit your location.



The Bryn Mawr

Design No. 702. This attractive home, size 36 ft. x 20 ft. with 4 pleasant rooms, bathroom and sun parlor. Price built on your lot..... **\$1,458**
\$372.18 down and \$58.00 per month for 24 months, which includes interest; or \$85.00 down and \$45.96 per month for 36 months, which includes interest.
Price of material only..... **\$891**

The Wauconda

Design No. 703. A carefully planned home, size 28 ft. x 28 ft. of 4 nice sized rooms with bathroom and screened-in porch. Price built on your lot..... **\$1,385**
\$355.85 down and \$55.00 per month for 24 months, which includes interest; or \$85.00 down and \$43.51 per month for 36 months, which includes interest.
Price of material only..... **\$895**

Subdividers Note:

Our big stocks and bureau of builders' information offers a splendid connection for you to develop your vacant property. Our proposition will interest you.



The Monterey

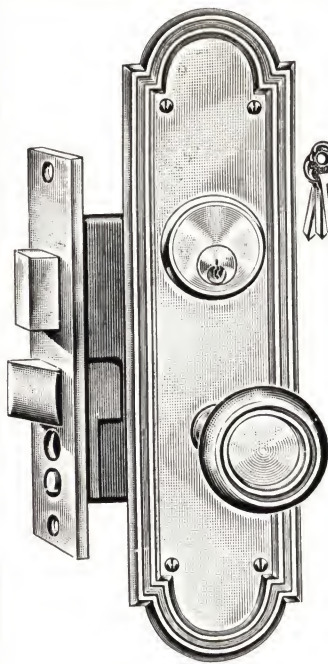
Design No. 500. This cozy 3 room cottage, size 20 ft. x 20 ft. Price built on your lot..... **\$655**
\$92.20 down and \$30.00 per month for 24 months, which includes interest; or \$55.00 down and \$20.09 per month for 36 months, which includes interest.
Price of material only..... **\$430**

Renters Note:

These comfortable, well arranged Homes give you added comforts and conveniences. A small down payment and the rent you will pay in the next two years will cover the completed costs.

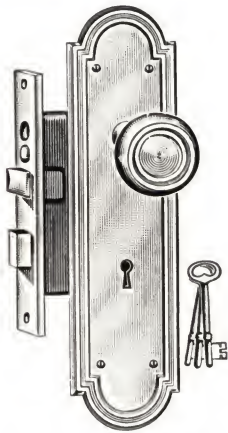
Ardmore Design Lock Set

Wrought bronze and wrought steel in beautiful French sanded finish with high spots polished. Material and workmanship of the highest quality. These lock sets are recommended for the most elaborate and beautiful homes.



Cylinder Lock Set

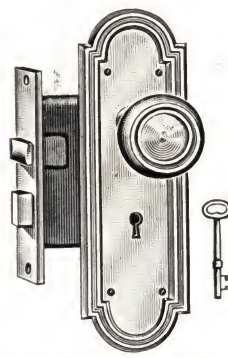
4-A-3364. Genuine wrought bronze 5-pin tumbler, non-pickable lock. Escutcheon 11½ inches long, 3 inches wide. Flat face seamless knobs, 2¼ inches in diameter. Cylinder escutcheon, knobs and all parts genuine wrought bronze. Reversible for right or left door, 1½ to 2¼ inches thick. Furnished with 3 keys and screws to match. French sanded finish. Price.....**\$9.85**



Bit Key Lock Sets

4-A-3365. Escutcheons, knobs and all parts genuine wrought bronze. Escutcheon plate, 8½ x 2¾ inches. Flat face, seamless knob, 2¼ inches in diameter. Reversible for right or left hand door. Furnished with 3 keys and screws to match lock set. French sanded finish. Price.....**\$4.10**

4-A-3366. Wrought steel, same as described above, except that escutcheon, knobs and all parts are of wrought steel plated. French sanded finish. Price.....**\$2.70**



Inside Door Lock Set

4-A-3367. Escutcheon knobs and all parts of genuine wrought bronze. Escutcheon, 8½ x 2¾ inches. Flat face, seamless knob, 2¼ inches in diameter. Reversible for right or left doors. Furnished with one key and screws to match. French sanded finish. Price.....**\$2.40**

4-A-3368. Wrought steel same as described above, except furnished with plated wrought steel knob, escutcheon and trimmings. Price.....**90c**



Push Plates

4-A-3369. Genuine wrought bronze push plate for swinging doors. French sanded finish. Furnished with screws to match. Plate size, 11½ x 3 ins. Price, each.....**80c**

Kenilworth Design Lock Set

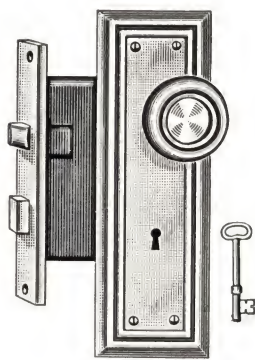
Are of the broad beveled pattern. The simple design gives them the appearance of the heavy cast bronze lock set. These sets are French sanded finish. Finest material and workmanship.



Push Plates

4-A-3370. Genuine wrought bronze push plate for swinging doors. French sanded finish. Furnished with screws to match. Plate size, 10½ x 2¾ ins. Price, each.....**80c**

Glass Push Plates
4-A-3370½. Made of heavy plate glass, edges beveled; ground and smoothly finished; size 3x12 inches. Two nickel-plated screws. Price, each.....**35c**



Inside Door Lock Set

4-A-3371. Escutcheon, knobs and all parts of genuine wrought bronze. Escutcheon, 8½ x 2¾ inches. Flat face, seamless knob, 2¼ inches in diameter. Reversible for right or left door. Furnished with one key and screws to match. French sanded finish. Price.....**\$2.10**

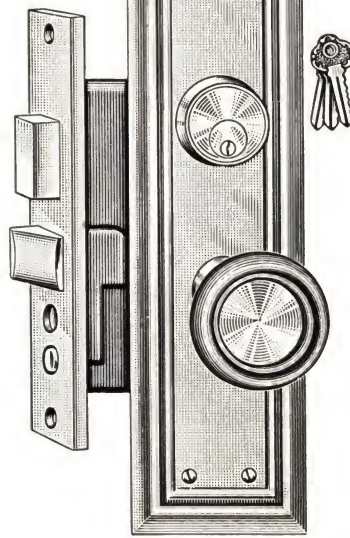
4-A-3372. Wrought steel plated as described above, except furnished with plated wrought steel knob, escutcheon and trimmings. Price.....**85c**



Bit Keyed Lock Set

4-A-3373. Escutcheons, knobs and all parts genuine wrought bronze. Escutcheon plate, 8½ x 2¾ ins. wide. Flat face, seamless knob, 2¼ inches in diameter. Reversible for right or left door. Furnished with three keys and screws to match lock set. French sanded finish. Price.....**\$3.95**

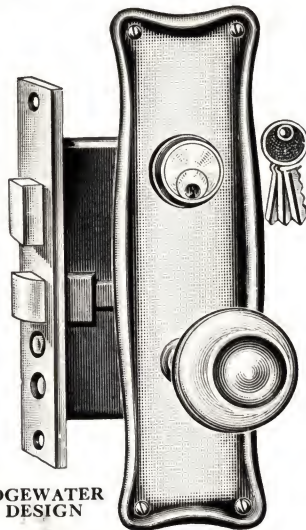
4-A-3374. Wrought steel, same as described above, except that escutcheon, knobs and all parts are of wrought steel plated. French sanded finish. Price.....**\$2.15**



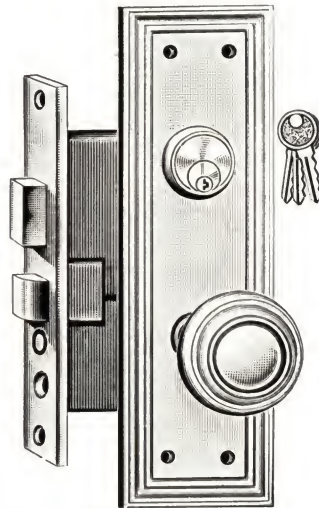
Cylinder Lock Set

4-A-3375. Genuine wrought bronze 5-pin tumbler, non-pickable lock. Escutcheon, 11½ inches long, 3 inches wide. Flat face seamless knobs, 2¼ inches in diameter. Cylinder escutcheon, knobs and all parts genuine wrought bronze. Reversible for right or left door, 1½ to 2¼ inches thick. Furnished with 3 keys and screws to match. French sanded finish. Price.....**\$8.95**

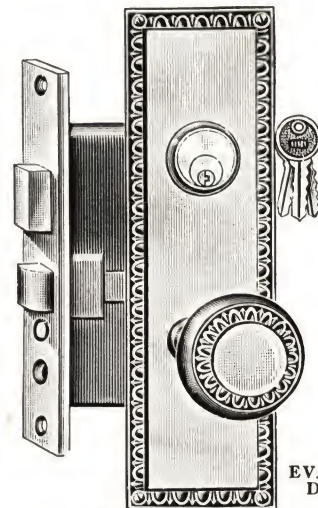
Edgewater Design Colonial Design Evanston Design



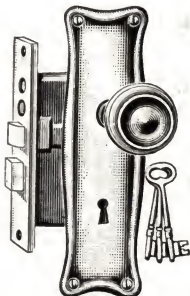
EDGEWATER DESIGN
4-A-3001 Cylinder Lock Set



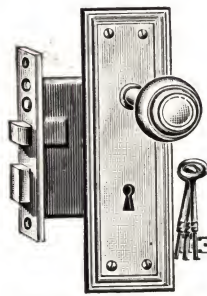
COLONIAL DESIGN
Cylinder Lock Set 4-A-3029



4-A-3101 Cylinder Lock Set
EVANSTON DESIGN



EDGEWATER DESIGN
Bit Keyed Lock Set
4-A-3005



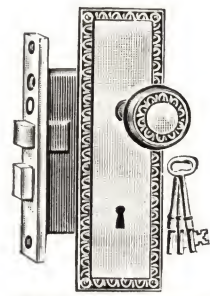
COLONIAL DESIGN
Bit Keyed Lock Set
4-A-3033



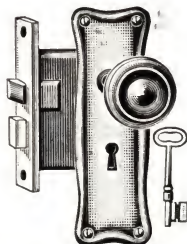
COLONIAL DESIGN
Inside Door Lock Set
4-A-3045



COLONIAL DESIGN
Push Plate
4-A-3065



EVANSTON DESIGN
Bit Keyed Lock Set
4-A-3105



EDGEWATER DESIGN
Inside Door Lock Set
4-A-3010



EDGEWATER DESIGN
Push Plate
4-A-3021

Your Choice of Edgewater, Colonial and Evanston Designs

Give Number and Name and Finish When You Order

Genuine wrought bronze, cylinder lock sets, highest quality workmanship, material and finish. These locks are 5-pin tumbler, non-pickable cylinder. The cylinder, bolts, strike-plates, escutcheons and all parts are of genuine wrought bronze. Reversible for right or left doors, from 1½ to 2¼ inches thick, furnished with three keys and screws finished to match lock set. **Antique Copper or Lemon Brass Finishes.**
Price, either design..... **\$7.85**

BIT KEYED FRONT DOOR LOCK Genuine Bronze

Escutcheons, knobs, bolts and all parts made of genuine wrought bronze. Reversible for right or left door. Furnished with three keys and screws finished to match lock sets. **Antique Copper or Lemon Brass Finishes.**
Price, either design..... **\$3.50**

BIT KEYED FRONT DOOR LOCK

Wrought steel plated lock set as described above except furnished with plated steel escutcheons, knobs, and all parts. **Antique Copper or Lemon Brass Finishes.**
Price, either design..... **\$1.85**

INSIDE DOOR LOCK SET Genuine Bronze

Escutcheons, knobs and all parts made of genuine wrought bronze. Reversible for right or left door. Furnished with one key and screws finished to match lock set. **Antique Copper or Lemon Brass Finishes.**
Price, either design..... **\$2.00**

INSIDE DOOR LOCK SET

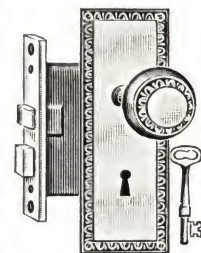
Wrought steel plated as described above. Set furnished with plated steel escutcheon, knobs and all parts. **Antique Copper or Lemon Brass Finishes.**
Price, either design..... **75c**

PUSH PLATES FOR SWINGING DOORS

Genuine Wrought bronze. Furnished with screws to match. **Antique Copper or Lemon Brass Finishes.**
Price, either design, each..... **65c**

DOOR BELLS

Genuine wrought bronze plate, size 4x3½ nickel plated bell, metal gong. **Antique Copper or Lemon Brass Finishes.**
Price, either design..... **65c**

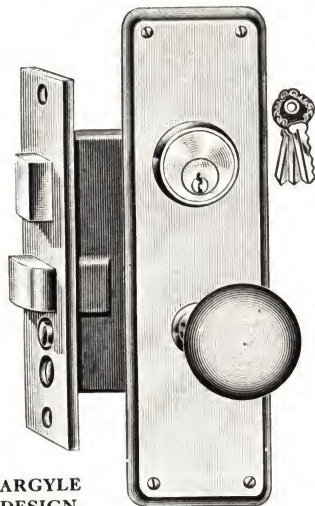


EVANSTON DESIGN
Inside Door Lock Set
4-A-3117



EVANSTON DESIGN
Push Plate
4-A-3137

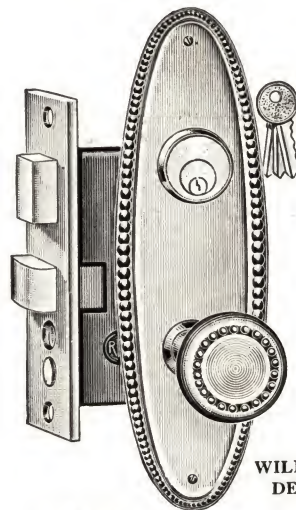
Argyle Design Oak Park Design Wilmette Design



ARGYLE DESIGN
4-A-3307. Cylinder Lock Set



OAK PARK DESIGN
Cylinder Lock Set
4-A-3245.



4-A-3207. Cylinder Lock Set

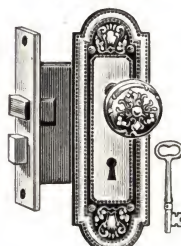
WILMETTE DESIGN



ARGYLE DESIGN
Bit Keyed Lock Set
4-A-3305



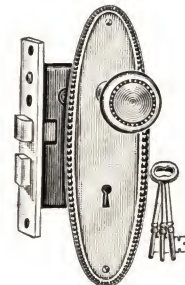
OAK PARK DESIGN
Bit Keyed Lock Set
4-A-3249



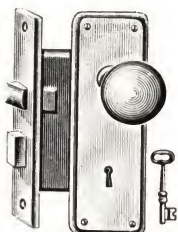
OAK PARK DESIGN
Inside Door Lock Set
4-A-3267



OAK PARK DESIGN
Push Plate
4-A-3287



WILMETTE DESIGN
Bit Keyed Lock Set
4-A-3205



ARGYLE DESIGN
Inside Door Lock Set
4-A-3317



ARGYLE DESIGN
Push Plate
4-A-3337

Your Choice of Argyle, Oak Park and Wilmette Designs Give Number, Name and Finish When You Order

Genuine wrought bronze, Cylinder Lock Sets, highest quality workmanship, material and finish. These locks are 5-pin tumbler, non-pickable cylinder. The cylinder, bolts, strike-plates, escutcheons and all parts are of genuine wrought bronze. Reversible for right or left doors, from 1½ to 2¼ inches thick, furnished with three keys and screws, finished to match lock set. Antique Copper or Lemon Brass finish.
Price.....\$7.85

BIT KEYED FRONT DOOR LOCK Genuine Bronze

Escutcheons, knobs, bolts and all parts made of genuine wrought bronze. Reversible for right or left door. Furnished with three keys and screws finished to match lock sets. Antique Copper or Lemon Brass finish.
Price.....\$3.50

BIT KEYED FRONT DOOR LOCK

Wrought steel plated lock set as described above except furnished with plated steel escutcheons, knobs and all parts. Antique Copper or Lemon Brass finish.
Price.....\$1.85

INSIDE DOOR LOCK SET Genuine Bronze

Escutcheons, knobs and all parts made of genuine wrought bronze. Reversible for right or left door. Furnished with one key and screws finished to match lock set. Antique Copper or Lemon Brass finish.
Price.....\$2.00

INSIDE DOOR LOCK SET

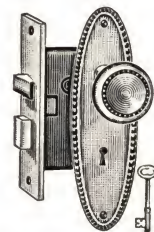
Wrought steel plated as described above. Set furnished with plated steel escutcheons, knobs and all parts. Antique Copper or Lemon Brass finish.
Price.....75c

PUSH PLATES FOR SWINGING DOORS

Genuine wrought bronze. Furnished with screws to match. Antique Copper or Lemon Brass finish.
Price.....65c

DOOR BELLS

Genuine wrought bronze plate, size 4x3½, nickel plated bell, metal gong. Antique Copper or Lemon Brass finish.
Price.....65c



WILMETTE DESIGN
Inside Door Lock Set
4-A-3217



WILMETTE DESIGN
Push Plate
4-A-3237

Big Savings in Dependable Hardware for Builders

GENUINE WROUGHT BRONZE CYLINDER STORE DOOR LOCK AND HANDLE



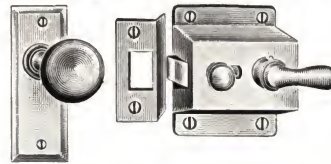
match.
Price, per set... **\$8.75**

GENUINE WROUGHT BRONZE CYLINDER STORE DOOR LOCK AND HANDLE



Complete with screws to match.
Price, per set... **\$9.50**

French Window or Screen Door Set



Reversible Rim latch, size 2x2 3/4 inches. Escutcheon, 1 1/2 x 4 1/2 ins. Can be set by slide knob, which prevents opening from outside.

4-A-15012. Lemon Brass. Price... **55c**
4-A-15013. Antique Copper. Price... **55c**
4-A-15014. Sand Finish. Price... **70c**

DOOR PUSH PLATES

Size, 2 1/4 x 9 1/4 inches, finely finished with screws to match.

GENUINE BRONZE METAL

4-A-3583. Antique Copper finish.

Each **40c**

4-A-3584. Old or Lemon Brass finish.

Each **40c**

WROUGHT STEEL PLATED

4-A-3585. Antique Copper finish.

Each... **15c**

4-A-3586. Old or Lemon Brass finish.

Each... **15c**

WROUGHT STEEL ELECTRO BRONZE PLATED STORE DOOR HANDLE AND LOCK SETS

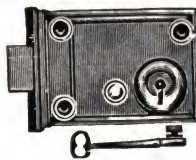
4-A-3359.

Antique Copper finish. Size of lock, 4 1/2 x 3 1/4 ins. Size of plates, 3 x 12 inches. 2 handles, one for either side of door, 2 nickel plated flat steel keys. Reversible for right or left hand doors. Complete with screws to match. Price, per set... **\$3.25**



GENUINE WROUGHT BRONZE PLATED STORE DOOR LOCK SET AND HANDLE

4-A-3361. Same as 4-A-3359, except plates, handles, bolts, strike and trimmings are genuine wrought bronze with screws to match. Price, per set... **\$5.95**



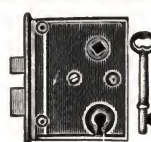
HORIZONTAL RIM DEAD LOCKS

Size, 2x2 3/4 inches. Japanned iron case and escutcheons, iron key. Complete with screws

4-A-3433. Lock only. Each... **24c**

RIM LOCKS

Heavy Japanned Cases. Reversible for right or left hand doors. Packed complete with screws. Each lock fully warranted.



UPRIGHT RIM KNOB LOCK

Size, 4x3 1/4 inches, with stop, iron bolts and tinned malleable key.

4-A-3409. Lock only, without knob. Each... **27c**

4-A-3411. With brown mineral knob. Per set... **47c**

4-A-3413. With jet knob. Per set... **47c**



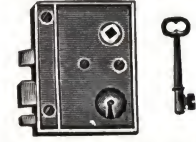
HORIZONTAL RIM KNOB LOCK

Size, 3 3/4 x 4 1/4 inches. With iron bolts, tinned malleable key.

4-A-3421. Lock only without knob. Each... **25c**

4-A-3423. With brown mineral knobs. Per set... **45c**

4-A-3425. With jet knobs. Per set... **45c**



UPRIGHT RIM KNOB LOCK

Size, 4x3 1/4 inches, 3 brass plated bolts, nickel-plated steel key.

4-A-3415. Lock only, without knob. Each... **30c**

4-A-3417. With brown mineral knobs. Per set... **50c**

4-A-3419. Black jet knob. Per set... **50c**



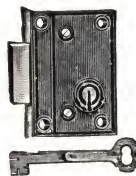
HORIZONTAL RIM KNOB LOCKS

Size, 3 3/4 x 4 1/4 inches. 3 brass bolts, nickel-plated steel key.

4-A-3427. Lock only, without knob. Each... **60c**

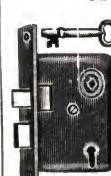
4-A-3429. With brown mineral knob. Each... **80c**

4-A-3431. With jet knob. Per set... **80c**



STORE DOOR RIM DEAD LOCK

4-A-3439. Strong and durable. Japanned iron case, 5x3 1/2 inches. Heavy wrought iron bolts, steel inside bolts, 2 nickel-plated, steel folding keys. Complete, with screws. Price... **95c**



MORTISE DOOR LOCKS

Japanned case, 3 1/2 x 3 1/4 inches, iron bolts, laquered front and strike, tinned key, japanned escutcheon with screws.

4-A-3453. Locks only, without knobs. Each... **35c**

4-A-3455. With brown mineral knobs. Each... **55c**

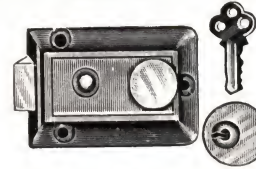
4-A-3457. With jet knobs. Each... **55c**

Japanned case, 3 1/2 x 3 1/4 inches. Brass front and bolts, plated strike, nickel-plated steel key, japanned escutcheon with screws.

4-A-3459. Locks only without knobs. Each... **80c**

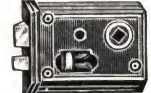
4-A-3461. With brown mineral knobs. Per set... **\$1.00**

4-A-3463. With jet knobs. Per set... **\$1.00**



CYLINDER RIM NIGHT LATCH

4-A-3489. A durable lock which affords the utmost security. Size, 3 3/4 x 2 1/2 inches, with genuine bronze metal bolts, cylinder, escutcheon, knob and stop. 3 Yale pattern German silver keys, suitable for doors up to 3 inches thick. Price... **\$1.75**



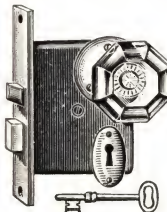
HORIZONTAL RIM KNOB LATCHES

Size, 2 1/2 x 3 3/4 in. Japanned case, iron bolt any hub, with screws reversible.

4-A-3443. Latch only without knobs. Each... **34c**

4-A-3445. With brown mineral knobs. Per set... **54c**

4-A-3447. With jet knobs. Per set... **54c**



4-A-1215. Glass Knob Inside Lock Set, considered the most beautiful lock set for inside doors; appropriate for bedroom doors. Mortise lock, escutcheon and plate. Finished in Lemon Brass or Nickel-plated. Octagon shape. Crystal Glass Knob furnished with key and screws. Price... **\$1.75**

4-A-1216. Lock set same as above, nickel-plated finish. Price... **\$1.85**



4-A-1217. Glass Knob Set, Opal Finish. Popular for bathroom doors, bronze metal shank and rosette. Rosette finished in Lemon Brass. Price, Each... **\$1.50**

4-A-1218. Nickel-plated Knob Set as above. Price... **\$1.60**

Mortise Door Latches

Japanned Iron Case, 1 1/4 x 3 1/2 inches, iron bolts, front and strike.

4-A-3467. With brown mineral knobs. Each... **40c**

4-A-3469. With jet knobs. Each... **40c**

4-A-3465. Latch only. Per set... **20c**

Japanned Iron Cases, 1 1/4 x 3 1/2 inches. Brass front, bolt and strike.

4-A-3471. Latch only without knobs. Each... **35c**

4-A-3473. With brown mineral knobs. Per set... **55c**

4-A-3475. With jet knobs. Per set... **55c**



4-A-1209



4-A-1210



4-A-1211

Glass Door Knobs with bronze metal shank and rosette. 1/2 inch plain spindle. Rosette finished in Antique Copper or Lemon Brass. Price, each... **95c**
Nickel-Plated Rosette... **\$1.05**



Rim Knobs

Mortise Knobs

Strictly first quality. Japanned shanks and roses. Knobs 2 1/4 inches in diameter with 5/8 inch spindles. Price includes one pair knobs, complete with connecting spindle. Mineral knobs are brown mottled; porcelain knobs are white; jet knobs are black.

4-A-3477. Mineral knobs for rim locks. Each... **20c**

4-A-3479. Porcelain knobs for rim locks. Each... **20c**

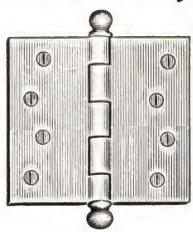
4-A-3481. Jet knobs for rim locks. Each... **20c**

4-A-3483. Mineral knobs for mortise locks. Each... **22c**

4-A-3485. Porcelain knobs for mortise locks. Each... **22c**

4-A-3487. Jet knobs for mortise locks. Each... **22c**

Every Needed Item in Select Builders' Hardware



High Grade Electro-Plated Polished Wrought Steel Ball Tipped Butts

Tipped Butts. Guaranteed to be the best finished wrought steel butts manufactured. Heavy, highly polished and finely finished. Furnished with screws to match.

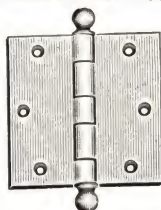
4-A-3501. Antique Copper, polished finish.

4-A-3503. Lemon Brass Finish.

Inch. 2x2 2 1/2x2 1/2 3x3 3 1/2x3 1/2 4x4 4 1/2x4 1/2 5x5
Per pr. 53c 57c 58c 62c 76c 99c \$1.45

4-A-3504. Nickel-Plated finish.
Inch. 2x2 2 1/2x2 1/2 3x3 3 1/2x3 1/2 4x4 4 1/2x4 1/2 5x5
Per pr. 61c 68c 73c 75c 89c \$1.15 \$1.60

Japanned Loose Pin Ball Tipped Steel

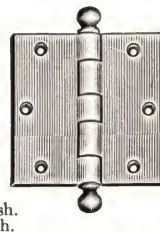


4-A-3577. Made of heavy steel, nicely Japanned. Screws not included.

Inch. 2 1/2x2 1/2 3x3 3 1/2x3 1/2
Per pair. 19c 20c 22c
Inch. 4x4 4 1/2x4 1/2 5x5
Per pair. 27c 40c 82c

Electro-Plated Planished Ball Tipped Butts

Electro-Plated, Planished. Made of the same grade steel and generally sold as a polished butt. In every sense equal to the high grade butts, except not as finely finished. Furnished with screws to match.



4-A-3505. Antique Copper finish.

4-A-3507. Lemon Brass finish.

Inch. 2x2 2 1/2x2 1/2 3x3 3 1/2x3 1/2 4x4 4 1/2x4 1/2
Per pair. 24c 25c 26c 27c 32c 53c
4-A-3506. Sand finish, or
4-A-3508. Nickel-Plated finish.
Inch. 2x2 2 1/2x2 1/2 3x3 3 1/2x3 1/2 4x4 4 1/2x4 1/2
Per pair. 28c 29c 31c 33c 40c 63c

Electro-Plated Planished Steel Butts



Heavy wrought steel, fast pin, finely finished, with screws to match.

4-A-3581. Antique Copper finish.

Inch. 2 1/2x2 1/2 3x3 3 1/2x3 1/2
Per pair. 21c 23c 25c

Narrow Fast Pin Wrought Steel Butts

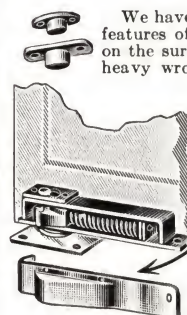
4-A-3579. Plain, without screws. Strong, substantial butts. Made for all general purpose work. Plain finish.

Bright Steel Butts

Inch. 1 1/2 2 2 1/2 3
Dozen pairs. 40c 56c 65c 92c



The Harris Double Acting Ball Bearing Floor Hinge



We have overcome the objectionable features of most floor hinges that rest on the surface of the floor, made from heavy wrought steel; the spring from the best oil tempered spring steel; the floor plate from steel. When in practical use the entire weight of the door is carried on hardened steel ball bearings set in hardened cups.

4-A-3545. Antique Copper or **4-A-3547**

Lemon Brass. 80c

4-A-3546. Sand Finish or **4-A-3548.** Nickel-Plated Finish. 90c

Cabinet Hinges



For cabinets, china closets, etc. Wrought steel, beautifully finished, strong and durable. Fast pin. Size 2 3/4 by 2 inches. Packed with screws to match.

4-A-3537. Antique Copper finish, and

4-A-3539. Lemon Brass finish. pair 12c

4-A-3538. Sand finish or **4-A-3540.** Nickel-Plated finish. pair 17c

Gravity Hinge



CLARK'S GRAVITY BLIND HINGES

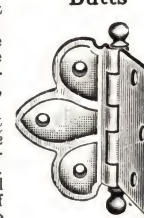
4-A-3441. For frame houses. Throws blind 1 1/4 inches from casing. Set includes four hinges and two fasteners. Flat head screws are to be used with these sets.

Per set. 25c

Ornamental Electro-Plated Surface Butts

Most artistic and the best appearing butt manufactured. Heavy and strongly made raised design, giving a massive appearance, beautifully finished. Exceedingly popular, economical and time saving.

They are reversible for right or left hand doors. Size 1 1/2 inch is used largely for Cupboards, Cabinets, Closets, etc. All sizes are loose pin with ball tip. Size given is length of joint. Packed with screws to match.



4-A-3533. Antique Copper finish.

4-A-3535. Old or Lemon Brass finish.

Size, inches. 2x2 1/2 1 1/2 3 3 1/2

Price, per pr. 30c 14c 34c 36c 48c

4-A-3534. Sand finish or **4-A-3536.** Nickel-Plated finish.

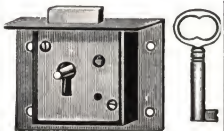
Inch. 1 1/2 2x2 1/2 3 3 1/2
Per pair. 16c 35c 42c 46c 57c

Cabinet and Cupboard Hardware



Cupboard Locks

4-A-3835. Two Secure Levers. For right or left hand door. Wide Bolt. Width 1 3/4 inches, length 3 inches. With one Fancy Bow Key. Each. 59c



4-A-3831 DRAWER LOCKS

2 1/4 in. wide. Has two secure levers for wood 3/4 in. thick. One key.

Each. 60c

4-A-3832. Brass Drawer Locks. Same as above.

Each. 70c



4-A-3833 SELF-LOCKING CHEST LOCKS

All Iron with Brass Keyhole Escutcheon. Double bitted keys. Width 2 1/2 inches.

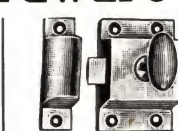
Each. 90c



Door Latch

4-A-1264. Metal Spring Door Catches for use on Book Cases, Medicine Cabinets, Linen Cabinets and China Cabinet Doors. Furnished with Metal Striking Plate. Finished in Lemon Brass.

Each. 12c



CUPBOARD TURNS

Electro-Plated, Polished Wrought Steel

4-A-3596. Antique Copper, or **4-A-3597.** Lemon Brass.

Each. 12c

4-A-3596 1/2. Nickel-Plated. 15c

4-A-3597 1/2. Sand finish. 15c



Cupboard Catches

Electro-Plated, Polished Wrought Steel with screws to match.

4-A-3591. Antique Copper

4-A-3592. Lemon Brass

Each. 9c

4-A-3591 1/2. Nickel-Plated

4-A-3592 1/2. Sand finish

Each. 11c



4-A-1230. Metal Drawer Knobs. Size 1 in. Used on Cabinets, Buffets, China Closets, etc. Furnished in Lemon Brass or Antique Copper.

Price, each. 16c



4-A-1235. Crystal Glass Knobs for Medicine Cases, Cabinets, etc.

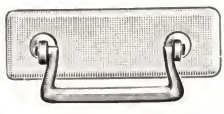
Made of clear glass, beautifully designed. Nickel-plated bolt and nut.

3/4 in. Each 18c

1 1/4 in. Each 22c

1 1/2 in. Each 25c

1 3/4 in. Each 26c



CONCORD DROP HANDLE

A neat and simply designed handle, suitable for buffets, sideboards and china closets. Unusually well made and nicely finished.

4-A-15016. Antique Copper. Price, 27c

each. 27c

4-A-15017. Lemon Brass. Price, 27c

each. 27c



Cast Iron Drawer Pull

A very popular drawer pull, owing to the fact that it is applied with machine screws through the wood from the inside, making it stationary. Is suitable for drawers, buffets, bookcases, china cases, etc.

4-A-15018. Antique Copper. Price, each. 12c

4-A-15018 1/2. Nickel-Plated Finish. 16c

4-A-15019 1/2. Sand Fin. 16c

4-A-15019. Lemon Brass. Price, each. 12c



WROUGHT STEEL DRAWER PULL

Wrought steel electro-plated with screws to match. Length 3 3/4 inches.

4-A-3623. Antique Copper, polished finish.

Each. 4c

4-A-3623 1/2. Nickel-Plated. 5c

4-A-3625. Old or Lemon Brass finish.

Each. 4c

4-A-3625 1/2. Sand finish. 5c



DRAWER PULL

Drawer pulls used on cabinets, buffets and cupboards. Screws to match. Antique Copper or Lemon Brass finish.

Price, each. 4c

Per dozen. 40c

Cremorne Bolts for French Windows or Large Casement Sash



Cast iron bolt specially adapted for French windows, or large casement sash and is furnished with universal strikes. Unless otherwise specified, will be furnished with rods for sash up to 8 feet high.

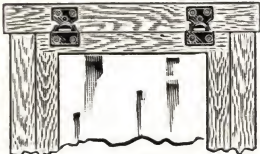
This is the only bolt that will hold the sash in place and prevent warping.

4-A-15000. Antique Copper. Price each.....\$6.25
4-A-15001. Lemon Brass. Price each.....\$6.25

CAST IRON PLATED

4-A-15002. Antique Copper. Price each.....\$3.85
4-A-15003. Lemon Brass. Price each.....\$3.85

Sash Hanger



4-A-2005. Storm Sash Hanger. Works like a hinge, one on each corner at top. Simplest contrivance ever devised. Per pair.....8c



Adjustable Fastener. Sash swung out, when closed the extension bar turns in and lies flat against side rail of sash, forming a perfect lock, prevents rattling, holds sash tight. Per pair.....15c
Set of Hang-ers and fasteners.....20c

Steel Hasps



4-A-315. Size, 4 1/2 inches. Weight, about 6 oz. Price.....10c
4-A-316. Size, 6 inches. Weight, about 10 oz. Price.....15c



Electro Plated Wrought Steel Chain Bolts
Length, 6 inches, with 2 feet of chain. Screws to match.
4-A-3511. Antique Copper.....55c
4-A-3513. Lemon Brass.....55c

FOOT BOLTS

Electro plated, wrought steel, spring release. Length, 6 inches. Screws to match.
4-A-3515. Antique Copper.....50c
4-A-3517. Lemon Brass.....50c



Swinging Door Holders
For doors where an attachment is required that may be operated easily with the foot. Spring release. The rubber tipped bolt will not mar or injure carpet.
4-A-3709. Japanned Finish.....80c
4-A-3711. Antique Copper.....90c
4-A-3713. Lemon Brass.....90c



Sash Cord

Made of special selected long fiber cotton, firmly braided. The strongest and most durable manufactured. Put up in bundles of 100 ft.
4-A-3647. No. 8, 1/2 inch diam. 95c
4-A-3645. No. 7, 3/4 inch diam. 90c

Sash Weights

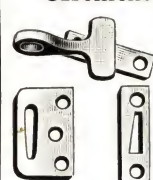
10-A-3643. Four weights are required to hold each window. Weights range from 3 to 9 pounds by half pounds. Heavier than 9 pounds graduate by pounds. Per pound.....3 1/2c



Steel Sash Pulley

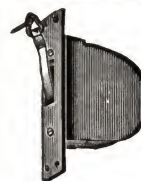
10-A-3649. Electrically welded and cannot break. Requires no screws. Simply bore three holes and drive the pulley in. Diameter of wheel, 2 inches. Per dozen.....75c

Casement Window Fasteners



Cast iron plated; either right or left hand. Size of plate, 2 1/2 x 3/4 inch. Has a double strike for single sash opening in or pairs of sash opening out.

4-A-15006. Plate Metal. Lemon Brass finish. Each.....15c
4-A-15007. Plate Metal. Antique Copper finish. Each.....15c



Spring Sash Balances

4-A-3637. Used instead of sash weights and cord. Easy to apply and do not require box frames. Springs are made of special tempered steel, heavily coppered to prevent rust. Warranted to retain their full strength. Set consists of four balances, two each for top and bottom sash.

Size No.	Weight of each Sash pounds	Hght. of each Sash ins.	Wght. per set of 4 Bal. lbs.	Price per Set of 4 Balances
6	4 to 6	34	6	\$2.10
8	6 to 8	34	6	2.30
10	8 to 10	34	7	2.55
12	10 to 12	44	7	2.75
14	12 to 14	44	7 1/2	3.00
16	14 to 16	44	7 1/2	3.20
18	16 to 18	48	9 1/2	3.40
20	18 to 20	48	10	3.55

Reversible Casement Fasteners

Fasteners. Size, 1 1/4 x 1 1/4 inches. Screws to match.

4-A-3587. Antique Copper. Per set.....14c

4-A-3587 1/2. N. P. 17c

4-A-3588 1/2. Sand Finish. 14c
4-A-3588. Lemon Brass. Per set.....17c



Polished Bronze Metal
4-A-3589. Antique Copper. Per set.....45c

4-A-3590. Lemon Brass. Per set.....45c

Steel Sash Locks

Electro plated. The strongest and most durable sash lock made. Holds sash closely together, prevents rattling. Screws furnished.

4-A-3601. Antique Copper and Old or Lemon Brass. Each.....5c
4-A-3602. N. P. 6c
4-A-3603 1/2. Sand Finish.....6c

Transom Catches

Electro plated wrought steel. Bronze metal ring and screws to match. Size, 2 1/4 x 1 3/8 inch.
4-A-3553. Antique Copper. Each.....15c
4-A-3555. Lemon Brass Finish. Each.....15c

Side Sash Locks



Holds as firm as a vise; prevents rattling of windows. Locks sash securely at any desired height. Convenient for perfect ventilation. Screws to match.

4-A-3607. Antique Copper. Each.....17c
4-A-3607 1/2. N. P. 20c
4-A-3610. Sand Fin. 20c

Mortise Door Bolts



Strong and secure. "T" handle thumb piece, and screws to match.
4-A-3615. Antique Copper. Each.....20c
4-A-3617. Lemon Brass. Each.....20c

Sash Fasteners



Permits opening of windows at top, bottom or both top and bottom. Electro bronze plated. Screws to match.

4-A-3639. Antique Copper. Each.....30c
4-A-3641. Lemon Brass. Each.....30c

Barrel Bolts

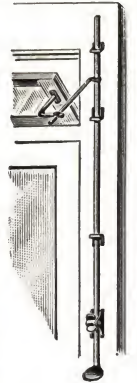


4-A-3855. Wrought steel, nicely Japanned. Polished steel bolt and brass knob. Length, bolt, in. 4 5
Each.....10c 11c

Transom Lifters

36c

Used in connection with transoms hinged at top, bottom or pivoted in the middle. By means of this lifter, transoms can be opened or locked at any angle affording ample means of ventilation. Strong and durable.



4-A-3519. Plain Coppered Finish. Length, feet 3 4 5
Price, each. 36c 40c 45c

4-A-3521. Electro Bronze Plated. Length, feet 3 4 5
Price, each. 60c 70c 75c

Window Sets



For Attic and Basement Sash

4-A-3619. For sash hinged at side. Set consists of one pair 2 1/2 inch wrought steel butts, one Japanned steel sash fastener. With screws. Per set.....14c

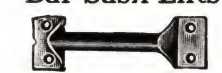
4-A-3621. For sash hinged at top. Set consists of one pair 2 1/2 inch wrought steel butts, one Japanned steel sash fastener, one hook and eye. With screws. Per set.....14c

Flush Sash Lifts

Made of wrought steel bronze plated. Size, 1 1/4 x 3 1/4 inches. Complete with screws.

4-A-3567. Antique Copper. Each.....5c
4-A-3569. Lemon Brass. Each.....5c

Bar Sash Lifts



Electro plated, wrought steel. Length of handle, 3 inches. Length over all, 4 inches.
4-A-3559. Lemon Brass. Each.....4c
4-A-3559 1/2. Sand Fin. 5c
4-A-3557. Antique Copper. Each.....4c
4-A-3557 1/2. N. P. 5c

Hook Sash Lifts



Splendid quality, heavy and high grade. Finely finished and made with bevel edges. Size, 1 1/2 inches. Screws to match.

GENUINE WROUGHT BRONZE METAL
4-A-3523. Antique Copper. Polished. Each.....7c
4-A-3525. Lemon Brass Finish. Each.....7c

Flush Bolts

Cast iron plated Flush Bolt, 1 inch wide. With screws.

4-A-15010. 6-in. Flush Bolts. Lemon Brass. Each.....37c
4-A-15011. 6 in. Flush Bolts. Antique Copper. Each.....37c
4-A-15020. 4 in. Antique Copper. 32c
4-A-15021. 4 in. Lemon Brass. 32c



Casement Window Adjuster. Made of plated steel rod, 3/8 inch diameter. This adjuster is for sash opening out and will hold the sash at any angle. Two finishes.
4-A-15004. Antique Copper. Opening out. Price each.....35c
4-A-15005. Lemon Brass. Opening out. Price each.....35c
4-A-15004 1/2. Opening in. Antique Copper.....65c
4-A-15005 1/2. Opening in. Lemon Brass.....65c

General Hardware at Big Savings



Screen Door Catch
4-A-3675. Vienna bronze finish for doors $\frac{3}{8}$ to 1 $\frac{1}{2}$ inches thick. To be used on doors opening outwards. Furnished complete with stop, knobs and screws.
Per set..... **35c**



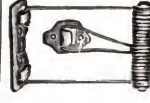
Screen Door Sets

4-A-3673. Consists of one pair japanned back spring hinges. One steel door pull, one hook and eye, complete with screws.
Per set..... **20c**



Screen Door Hinges

4-A-3679. Hold back spring hinges, the strongest and best manufactured. Japanned case. Screws not furnished.
Per pair..... **12c**



Warner Screen Door Hinges

4-A-3685. Made of heavy spring steel wire, copper plated.
Each..... **6c**

Electro Plated Door Pull

4-A-3687.

Wrought steel, antique copper finish. Strong, durable, and well made. Will give long and continued service. 4 $\frac{1}{2}$ ins. long. Each **3c**



Ornamental Thumb Latches and Handles

4-A-3633. Bronze finish. For doors $\frac{3}{8}$ to 1 $\frac{1}{2}$ inches thick. Complete with screws.
Each..... **19c**



Torrey's Ready Door Spring

4-A-3681. Steel Rod door spring. Furnished with a special wrench with each set for adjusting tension. Length, 39 inches.
Each..... **25c**

Spiral Door Springs



4-A-3683. Made from special grade highly tempered steel wire, fastened securely to the bracket and spring holder. Adjustable tension. Length, 10 inches. Price, each..... **15c**

Stop Screw and Washer



4-A-3657. Wrought steel washer. Antique copper finish screw to match. Price, per doz..... **15c**
4-A-3659. Lemon brass finish. Per dozen..... **15c**



Metal Base Knobs

Bronze plated. Extra long heavy screws. Heavy rubber tip. Length, 2 $\frac{3}{4}$ inches.
4-A-3573. Antique Copper. Each..... **5c**
4-A-3574. Lemon Brass. Each..... **5c**



Hardwood Base Knobs

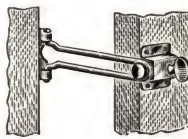
Rubber tipped. Well pointed screws. Nicely finished.
4-A-3572. Each..... **3c**



Cast Floor Door Stops

used to protect furniture or prevent door from striking radiator or wall. Antique Copper, Lemon Brass or Nickel plated finishes. Each..... **12c**

Safety Door Catch



4-A-1363. Safety Door Catch. Made of wrought steel, finished in Lemon Brass or Antique Copper. Complete with screws, each..... **60c**

Door Buttons



4-A-3655 Japanned finish. Length, 1 $\frac{1}{2}$ inches. Per dozen..... **8c**
Length, 2 inches. Per dozen..... **10c**
4-A-3656 Aluminum 1 $\frac{1}{4}$ inches. 18c Doz. No screws.



Cupboard Catches

4-A-3609. Iron Japanned finish. Screws are not furnished. Each..... **5c**

Shelf Supports



Copper plated iron with $\frac{1}{4}$ in. pins. Wt., about 4 ounces.
4-A-3650. Price, per dozen..... **12c**

Felt Weather Strips



4-A-3719. Made of durable black wool felt, $\frac{1}{2}$ in. width for windows, $\frac{3}{4}$ in. width for sides and top of door, $\frac{3}{4}$ in. for bottom of door. Put up 50 ft. to a package.
Inches..... $\frac{1}{4}$ 3 $\frac{1}{2}$ c
Per foot..... **3 $\frac{1}{2}$ c**
Per package..... **\$1.44** **\$1.68** **\$1.92**



Bright Braided Picture Wire

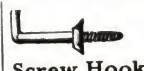
4-A-3839. Heavily Tinned. Coils guaranteed to contain full 75 feet. Per coil..... **10c**



Gimlet

Size No.	Length Inches	Per Dozen
105	2	9c
108	1 $\frac{1}{2}$	7c
110	1 $\frac{1}{2}$	5c
112	1 $\frac{1}{2}$	4c
114	1	3c
214	$\frac{3}{4}$	3c

Bright Wire Screw Eyes



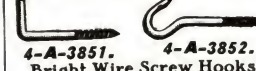
Screw Hook

4-A-3854. Polished Brass, Full Size. Either kind same price.
Size, In. Per Doz.
 $\frac{1}{2}$ **7c**
 $\frac{3}{8}$ **8c**
 $\frac{1}{4}$ **9c**
 $\frac{3}{4}$ **10c**
1..... **11c**



Cup Hook

4-A-3853. Full size, perfectly pointed. In ordering:
Length Straight Pattern Bent Pattern Dozen Dozen Dozen
 $\frac{1}{2}$ **4c** **5c** **4c**
 $\frac{3}{8}$ **5c** **6c** **5c**
 $\frac{1}{4}$ **6c** **7c** **6c**
 $\frac{3}{4}$ **7c** **8c** **7c**
3..... **13c** **14c** **14c**
3 $\frac{1}{2}$ **17c**



Bright Wire Screw Hooks

4-A-3851. Full size, perfectly pointed. In ordering:
Length Straight Pattern Bent Pattern Dozen Dozen Dozen
 $\frac{1}{2}$ **4c** **5c** **4c**
 $\frac{3}{8}$ **5c** **6c** **5c**
 $\frac{1}{4}$ **6c** **7c** **6c**
 $\frac{3}{4}$ **7c** **8c** **7c**
3..... **13c** **14c** **14c**
3 $\frac{1}{2}$ **17c**

Rubber Strips

4-A-3717. Seals cracks around windows and doors; made of the best grade rubber, one-half inch wide for windows, three-fourths inch wide for tops and sides of doors, one inch wide for bottom of doors. Put up in packages containing fifty feet.
Inches..... $\frac{1}{2}$ $\frac{3}{4}$ 1
Per ft..... **3 $\frac{1}{2}$ c** **4c** **5 $\frac{1}{2}$ c**
Per pkg..... **\$1.45** **\$1.90** **\$2.40**

Coat, Hat and Umbrella Hook



4-A-3665. Double pattern. Height, 9 inches. Projects from wall 4 $\frac{1}{2}$ inches. Spread 10 inches.
Each..... **60c**



4-A-3671. Heavy iron hooks. Suitable for schools and public coat rooms. Japanned finish. Strong and durable. Length, 3 inches.
Per dozen..... **59c**



Closet and Wardrobe Hooks
4-A-3669. Made from heavy copper plated plain steel wire. Will not rust. Gimlet pointed screws. Length, 3 inches.
Per dozen..... **15c**



4-A-3667. Made of copper plated spring steel wire. Gimlet pointed screws. Length, 3 inches.
Per dozen..... **12c**

Coat, Hat and Umbrella Hook

4-A-3663. Electropolished antique copper finish. Screws to match. 7 ins. high, from wall, 4 inches.
Each..... **26c**



Box or Truck Casters

4-A-3801. Heavy iron stationary box or truck casters. Strong and substantial. Price does not include screws.
3-inch Wheel. Each..... **50c**
4-inch Wheel. Each..... **60c**



Roller Bearing Truck Casters

Size of Wheel	Size of Plate	Per Set of Four	Size of Wheel	Size of Plate	Per Set of Four
1 $\frac{1}{2}$	1 $\frac{1}{2}$ x2	\$0.48	2 $\frac{1}{2}$	2 $\frac{1}{2}$ x3 $\frac{1}{2}$	\$1.00
1 $\frac{3}{4}$	1 $\frac{3}{4}$ x2	.60	3	3x4 $\frac{1}{2}$	1.32
1 $\frac{1}{2}$	1 $\frac{1}{2}$ x2 $\frac{1}{4}$	.85	3 $\frac{1}{2}$	3 $\frac{1}{2}$ x4 $\frac{1}{2}$	1.98

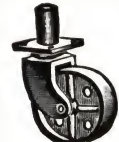
Stove or Furniture Casters

Heavy stoves easily moved around the house with these Casters. Heavy enough for other furniture. Can be attached to a box or platform.
4-A-3829. Price, per set of 4..... **\$2.00**



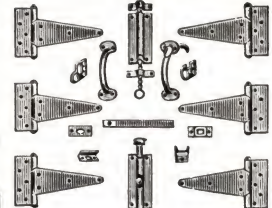
Philadelphia Pattern Furniture Casters

4-A-3828. Furniture Casters, Philadelphia Pattern. $\frac{3}{8}$ -inch bronzed iron wheels. Strong and durable.
Per set of 4..... **7c**



Swivel Iron Box or Truck Casters

4-A-3803
3-inch Wheel. Each..... **38c**
4-inch Wheel. Each..... **50c**



Garage Door Set

4-A-1605. Garage Set for double swinging door. Three pair of extra heavy 10 in. "T" hinges, one chain bolt, one foot bolt and two thumb latches, furnished complete with screws. Finished in Black Japan.
Set, Complete.... **\$2.95**

Anti-Friction Roller Bearing Casters

Revolves upon a Series of Steel Rollers or Discs. Saves wear and tear on carpets; does not mar the floors.

Size of Wheel, Inches	Set of Four
4-A-3811 1 $\frac{1}{2}$	\$0.48
4-A-3812 1 $\frac{1}{4}$	.60
4-A-3813 1 $\frac{3}{4}$	.77
4-A-3814 1 $\frac{1}{2}$	1.05



4-A-3925. Heavy polished Wire Hooks and Eyes.

Inches
Length, 1 1/2 2 3 4
Each... 2c 2c 2c 2 1/2c
Dozen... 9c 11c 15c 24c



4-A-3923. Wrought Hooks and Staples.

Inches
Length..... 4 6
Price, per doz. 40c 60c
Price, each.... 4c 6c

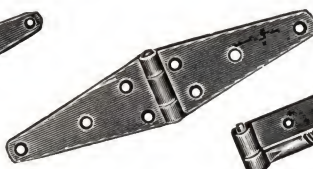
Hinges Wrought Steel, Standard Size, Strictly First Quality

Size given is measurement from joint to end of hinge. Without screws.



4-A-3929. Light wrought Steel strap Hinges. Size given is length from joint to end of hinge.

Size, inches.... 3 4 5 6
Takes Screw No. 6 7 8 9
Price, per pair... 7c 9c 10c 13c



4-A-3931. Heavy wrought Steel Strap Hinges. Size given is length from joint to end of hinge.

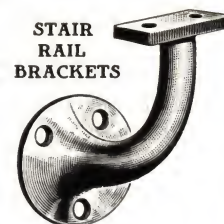
Size, inches. 6 8 10 12 14
Screw No. 10 12 12 14 16
Price, pair... 17c 27c 44c 65c 86c



4-A-3933. Wrought steel Screw Strap Hinges. Each pair requires two 3/8-inch and four 1/2-inch bolts to put them on. Bolts are not included at prices quoted.

Size, inches..... 10 12 14
Price, per pair..... 40c 50c 64c

STAIR RAIL BRACKETS



Projects two inches from wall to center of rail. These brackets are used to support hand railing.

4-A-15022. Copper bronze finish. Each..... 15c



4-A-3913. Heavy wrought steel hasp with double hook and staples.

Length, inches.... 6 8 10
Price, each..... 3c 4c 5c

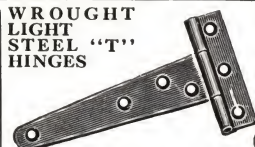


YANKEE DOOR CATCH

4-A-3915. For holding open swinging doors. Made of cast iron, japanned.

Each..... 9c

WROUGHT LIGHT STEEL "T" HINGES



4-A-3927.

Size, inches.... 3 4
Price, per pair... 6c 9c
Size, inches.... 5 6 8
Price, per pair... 11c 12c 17c

WROUGHT HEAVY STEEL "T" HINGES.



4-A-3909. Size.... 6 8

Pair.... 14c 20c
4-A-3910. Extra Heavy "T" Hinges.
6 ins. 8 ins. 10 ins. 12 ins.
20c 30c 50c 72c
Pr. Pr. Pr. Pr.

PRESSED STEEL BRACKET

PER PAIR, 10c

4-A-3451. Strong and unbreakable, Japanned finished without screws.

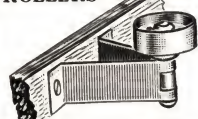
Size, inches.... 4x5 6x8 7x9
Price, per pair... 10c 17c 22c
Size, inches.... 8x10 10x12 12x14
Price, per pair... 23c 33c 50c

TINNED SAFETY GATE HOOKS AND STAPLES



4-A-3961. Length, 4 and 6 inches.
Price, each..... 14c 18c

BARN DOOR STAY ROLLERS



Reversible and Adjustable

4-A-3911. Reversible for inside and outside doors. Adjustable for any thickness of door. Diameter of wheel, 2 ins.
Price, each..... 16c



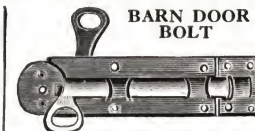
4-A-3939. Security Combination Hook and Hasp. Wrought Steel. Length, 8 ins. Each... 8c



Barn Door Latch



4-A-3951. Automatic sliding or swinging door latch with attachment for lock. Strong and durable. The latch can be thrown back, leaving the edge of door clear; has inside latch and pull. Price, each..... 40c



BARN DOOR BOLT

4-A-3907. Heavy pattern, suitable for stable and out-houses. Length, 8 ins. Price, each... 38c

BARN DOOR PULLS

4-A-3963. Extra heavy cast iron. Each.... 10c



STEEL CENTER BRACKET

4-A-3905. Steel Center Brackets for track 4-A-3903. Japanned finish complete with lag screw for attaching. Price, each..... 17c



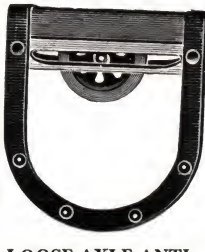
STEEL BARN DOOR TRACK
4-A-3947. Strong and rigid. Suitable for any ordinary door. Size, 3/4x1 inch. Lengths, 4, 6, 8 and 10 feet.
Price, per foot..... 9c



EXTRA HEAVY TRACK
4-A-3949. For use with hinge joint or other styles of barn door hangers. Made of steel. Sizes, 1 1/4x3/4 inch. Comes in lengths, 4, 6, 8 and 10 feet.
Price, per foot..... 10c

HINGE JOINT BARN DOOR HANGERS

4-A-3921. Hinge joint makes it possible to swing the door in or out. Provided with a guard, making it impossible to jump the track. Has chilled roller bearings. Wheel, axles and bearings are fully protected from the weather.
Price, per pair.... 95c



LOOSE AXLE ANTI-FRICTION HANGERS

Guaranteed not to bind or jump the track. Wheels are mounted on hardened steel axles. Our prices do not include bolts.

4-A-3941. For doors 6 foot run. Diameter of wheel, 3 inches. Requires 3/8-inch bolts.
Per pair..... \$1.30

4-A-3943. For doors 8-foot run. Diameter of wheel, 4 inches. Requires 1/2 inch bolts.
Per pair..... \$1.55

Barn Door Hangers

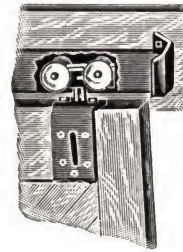


ANTI-FRICTION ROLLER BEARING BARN DOOR HANGERS

Made entirely of steel except the wheel. The axle is of hardened steel. Prices do not include bolts.

4-A-3917. Size of wheel, 3 1/2 inches. For small and medium size doors.
Per pair.... \$1.25

4-A-3919. Size of wheel, 4 inches. Suitable for the largest size doors.
Per pair.... \$1.50



ROLLER BEARING TROLLEY HANGERS

Wheels run inside of hollow steel track. Can not bind or jump the track. Suitable for doors, 1 1/2 to 2 1/4 inches thick. A set consists of two hangers two end brackets and one center bracket. Complete with screws and bolts.

4-A-3901. Price per set, complete without track..... \$1.90

4-A-3903. Trolley track for above hangers, brackets not included. Lengths, 4, 5, 6, 8 and 10 feet.
Price, per foot..... 18c

GATE HINGE

4-A-3953. Will swing both ways. Does not require spring or weight. Wrought upper hinge, cast lower hinge. Japanned finish.
Per set..... 60c



GRAVITY GATE LATCH

4-A-3959.

Overcomes shrinking and sagging of gate posts. Made of steel and malleable iron. Easily applied.
Price, each 25c



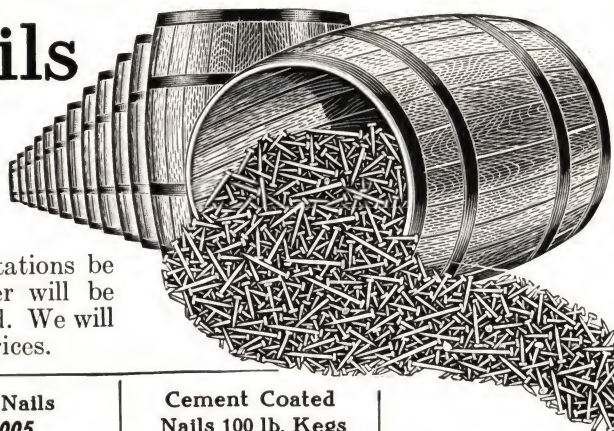
4-A-3957. For right or left hand gates. Also gates that swing both ways. Adjustable to meet any sag in the gate.
Each..... 20c



Standard Wire Nails

Full Length—All Sizes

These wire nails are regular standard stock, high grade and full length. The prices below are figured from the latest quotations received by us at the time this book was printed. The present uncertain conditions of the nail market necessitate that all our quotations be made subject to change without notice. Your order will be shipped at prices which prevail at the time it is received. We will see that you get every possible benefit of a decline in prices.



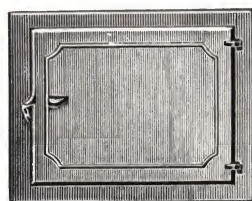
Common Wire Nails 2-A-4001			Finishing Nails 2-A-4003			Casing Nails 3-A-4005			Cement Coated Nails 100 lb. Kegs 2-A-4059			 Standard Nail		
Size	Per Keg	Per Lb.	Size	Per Keg	Per Lb.	Size	Per Keg	Per Lb.	Size	Per Keg	Per Lb.	Sizes and Lengths in Inches		
2d....	\$5.40	} 6c	2d.....	\$6.00	} 6c	2d.....	\$5.45	} 6c	3d....	\$5.65	} 6c	Length,	Diam.	
3d....	4.90		3d.....	5.35		3d.....	4.95		4d....	5.30		Size	Ins.	Ins.
4d....	4.55		4d.....	5.20		4d.....	4.80		6d....	4.90		60d	6	9/32
6d....	4.35		6d.....	4.55		6d.....	4.45		8d....	4.50		40d	5	7/32
8d....	4.25		8d.....	4.40		8d.....	4.35		10d....	4.40		30d	4½	13/64
10d....	4.15		10d.....	4.30		10d.....	4.25		16d....	4.20		20d	4	3/16
12d....	4.10		12d.....	4.25		12d.....	4.20		20-60d....	4.10		10d	3	5/32
16d....	4.05	16d.....	4.20	16d.....	4.15			8d	2½	5/32				
20-60d....	4.00	20d.....	4.10	Larger....	4.05			6d	2	1/8				
ROOFING NAILS														
2-A-4060. Bright Large Head Barbed Roofing Nails, 7/8-inch, No. 10... \$7.00, Keg— 8c, Lb.														
2-A-4061. Bright Large Head Barbed Roofing Nails, 1¼-inch, No. 10... \$6.80, Keg— 8c, Lb.														
2-A-4062. Galvanized Large Head Barbed Roofing Nails, ¾-inch, No. 10... \$9.00, Keg—10c, Lb.														
Blued Lathe 2-A-4009														
Size	Per Keg	Per Lb.												
3d.....	\$5.70	} 6c												
Galvanized Shingle Nails 2-A-4013														
Size	Per Keg	Per Lb.												
3d.....	\$7.30	} 8c												
4d.....	7.10													

Steel Wire Brads 2-A-4017. Put up in 1 pound packages.								Slim Wire Nails 2-A-4619. Put up in 1 pound packages.					
Length, inches.....	½	⅝	¾	⅞	1	1¼	1½	Length, inches.....	¾	⅞	1	1¼	1½
Gauge wire.....	19	18	18	17	16	15	15	Gauge wire.....	18	17	16	15	15
Price, per pound....	35c	25c	23c	20c	17c	15c	14c	Price, per pound.....	23c	20c	17c	15c	14c

100 lbs. of New Mixed 3d to 40d Wire Nails \$2²⁵

A splendid assortment of brand new wire nails in the sizes that you use every day. Indispensable about the home, workshop and farm. The same quantities bought at retail would cost you double this price. They always come in handy. Don't forget to include this bargain with your order.

2-A-4055. 100-lb. keg of mixed nails, 3d to 40d, price.....\$2.25



Ash Pit Doors
\$1⁰⁰
and Up

17-A-26. These ash pit doors are made of extra heavy cast iron, easily fitted and absolutely tight. Japanned.

	Opening Size	Price
No. 1.....	8x 8	\$1.90
No. 3.....	10x12	1.50
No. 5.....	12x15	2.50

Coal Chutes

\$10⁰⁰

These heavily constructed steel chutes are designed to be placed in the cellar wall the same as a window. They serve as a substantial protection to the building in which they are and are a convenient opening for coal, wood or other material which is to be taken into the basement.

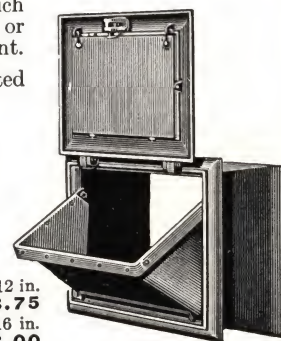
These chutes are made of heavy steel, all parts painted before shipment, door equipped with patented lock which prevents accidental closing. Chutes equipped with hoppers are so built that hopper can be removed if desired.

No. 17-A-151. Size 16 in. high x 24 in. wide for walls up to 12 in. Price with Hopper...\$10.00

No. 17-A-153. Size 22 in. high x 32 in. wide for walls up to 16 in. Price with Hopper...\$14.65

No. 17-A-154. Size 16 in. high x 24 in. wide for walls up to 12 in. Price, without Hopper.....\$8.75

No. 17-A-155. Size 22 in. high x 32 in. wide for walls up to 16 in. Price, without Hopper.....\$13.00



ELECTRIC WIRING MATERIAL

New Code Rubber Covered Copper Wire, Single Braid



Used for open wiring on cleats, tubes or knobs and for holding and loom wirings. Each solid strand conductor copper wire insulated with rubber compound around which is single saturated cotton braid. Unbroken coils of 500 feet bear underwriter's inspection tag. Weights per 100 feet, about 3 1/2 to 19 lbs., according to size.

Article Number	Size	100 Feet
4-A-3010	14	\$1.00
4-A-3011	12	1.50
4-A-3012	10	1.80
4-A-3013	8	2.70
4-A-3014	6	4.50

New Code Twisted Pair Cotton Lamp Cord



Twisted New Code Lamp cord consisting of 2 fine copper conductor strands twisted together. It is covered with fine quality yellow and green interwoven cotton. Made to be used for drop lights, extensions and general small work. Shipping weights per 100 feet, about 6 1/2 to 13 lbs., according to size.

Article Number	Size	100 Feet
4-A-3023	18	\$1.50
4-A-3024	16	2.25
4-A-3025	14	3.00

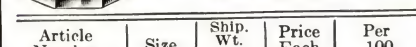
Weather Proof Copper Wire



Made for outside work, being constructed to stand weather and severe use. Conductor rubber covered wire. Consists of a solid copper wire conductor covered with three layers of waterproof saturated cotton braid insulating material. Shipping weights per 100 feet about 3 to 17 lbs., according to size.

Article Number	Size	100 Feet
4-A-3030	14	\$1.00
4-A-3031	12	1.50
4-A-3032	10	1.75
4-A-3033	8	2.25
4-A-3034	6	3.35
4-A-3035	4	5.00

Conduit Locknuts



Article Number	Size	Shp. Wt. Each	Price Each	Per 100
4-A-3042	1/2 in.	1/2 oz.	1 c	\$0.80
4-A-3043	3/4 in.	3/4 oz.	1 1/2 c	1.20
4-A-3043 1/2	1 in.	1 oz.	2 1/2 c	2.15

Porcelain Tubes



Used where wire is drawn through partition or joists. Made of porcelain. Takes single braid rubber covered or waterproof wire. Inside diameter, 3/8 inch. Will take 14, 12 or 10 wire. Inside diameter, 3/8 inch, will take 8, 6 or 4 wire. Length below is measurement from underhead to end.

Article Number	Lgth.	Inside Diam.	Per 100	Per 100
4-A-3050	3 in.	3/8 in.	7 1/2 lbs.	\$0.80
4-A-3051	4 in.	3/8 in.	9 lbs.	.90
4-A-3052	6 in.	3/8 in.	13 lbs.	1.40
4-A-3053	8 in.	3/8 in.	15 1/2 lbs.	2.70
4-A-3054	3 in.	1/2 in.	11 lbs.	1.00
4-A-3055	4 in.	1/2 in.	13 1/2 lbs.	1.20
4-A-3056	6 in.	1/2 in.	19 1/2 lbs.	1.70

New Code Parallel Silk Lamp Cord



Insulated lamp cord consisting of two parallel conductors covered with braided silk. Used for portable lamps and extension lights in homes. Large size only, No. 18. Shipping weight, per 100 feet, 5 lbs.

4-A-3020	Per foot.....	3c
	Per 100 feet.....	\$2.50

New Code Duplex Rubber Covered Wire



Used for wiring in metallic conduit. Consists of 2 solid conductors individually insulated with rubber compound over which is placed one layer of saturated cotton braid. Shipping weights per 100 feet, 6 1/4 to 13 lbs., according to size.

4-A-3026	Size 14.	\$2.50
Price per 100 feet.....		
4-A-3027	Size 12.	3.20
Price per 100 feet.....		
4-A-3028	Size 10.	4.20
Price per 100 feet.....		

(BX) Flexible Armored Cable



A decided improvement over knob and tube wiring. Consists of 2 or 3 solid copper conductors, rubber insulated, with 2 coverings of cotton braid, around which is placed armored flexible steel jacket. Approved by fire underwriters in all localities for use in finished buildings. More easily and quickly installed than iron conduit. Also used for electrical driven machinery where cables are exposed. Shipping weight per 100 feet, 44 to 60 lbs., according to size.

Article Number	No. of Conduits	Gauge B. & S.	Per Foot	100 Feet
4-A-3036	2	14	6c	\$5.50
4-A-3037	2	12	9c	8.50
4-A-3038	3	14	9c	8.50

Conduit Bushings



Article Number	Size	Shp. Wt. Each	Price Each	Per 100
4-A-3044	1/2 in.	1 oz.	2c	\$1.80
4-A-3045	3/4 in.	1 1/2 oz.	3c	2.70
4-A-3046	1 in.	2 oz.	5c	4.90

Unglazed Porcelain Cleats



To be used with either 14, 12 or 10 wire. 2 wire cleats have 2 1/2-inch wire centers; 3 wire cleats have 1 1/2-inch wire centers. Weight per dozen, about 3 lbs.

4-A-3057	Two wire.	Per 100.....	\$1.75
4-A-3058	Three wire	Per 100.....	1.85

New Code Electric Fixture Wire



Designed for wiring electric fixtures, lamps, brackets, chandeliers and short wiring circuits. Single solid copper conductor insulated with rubber compound over which is saturated cotton braid. Shipping weights per 100 feet as follows: No. 18, 3 1/4 lbs.; No. 16, 4 1/2 lbs.

Article Number	Size	100 Feet
4-A-3021	18	75c
4-A-3022	16	93c

New Code Reinforced Portable Lamp Cord



Used for portable extension lights, lamps and electrically operated household equipment. Made to stand continuous hard wear. Made up of twisted lamp cord, over which is placed rubber compound and outside braid of mercerized cotton.

Article Number	Size	100 Feet
4-A-3029	18	\$3.60

Rigid Iron Conduit



Designed to give greatest safety. Initial cost is more than knob and tube wiring, but is recommended if you want highest grade everlasting work. Specified for bringing wires to house from main line regardless of interior wiring. New, clean stock coated with black enamel. Resists weather, acid and alkali. Constructed for easy bending without injury to flexible enamel. 10 feet lengths only, threaded two ends with coupling on one end.

Article Number	Size	Shp. Wt. per 100 Ft.	Price Per 10 Foot Length
4-A-3039	1/2 in.	80	\$0.85
4-A-3040	3/4 in.	100	1.05
4-A-3041	1 in.	150	1.50

Conduit Straps



Article Number	For Pipe	Per Pound
4-A-3047	1/2 in.	12c
4-A-3048	3/4 in.	12c
4-A-3049	1 in.	12c

Assembled "Nailit" Knobs



Latest improved and assembled split knob consists of complete new code knob with nail ready to fasten in position. Simply insert wire and drive into place. Big time saver. Diameter, 1 1/2 inch; takes 10, 12 or 14 wire. Shipping wt., per 100, 10 lbs.

Per 100.....	\$1.75
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Round Porcelain Knobs



Solid porcelain knob. New Code No. 5 1/2. Height, 1 1/4 in. Diameter, 1 1/2 in. 1/4 in. hole 1/4 in. groove. Shipping weight per 100, about 12 lbs.

Per 100.....	\$1.50
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4-A-3062 New Code No. 4 porcelain knob. Height 1 1/4 in. Diameter, 1 1/2 in. Hole and groove, 1/4 in. Weight per 100, 20 lbs.

Per 100.....	\$2.50
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LATEST IMPROVED APPARATUS

Outside Operated Entrance Switch



This switch is similar to our No. 4-A-3063 safety entrance switch, but is not made with the safety latch feature. Consists of a two pole, 125 volt, 30 ampere, porcelain base plug fuse, entrance switch. Size of steel box, 8 $\frac{3}{4}$ x4 $\frac{1}{2}$ x3 $\frac{3}{4}$ inches. Box is fitted with lever on the outside. It is so constructed that you can secure privacy and protect against theft of fuse plugs by using a padlock. It is made with the knock outs for $\frac{1}{2}$ or $\frac{3}{4}$ inch conduit, loom or B. X. cable. Convenient holes for mounting it with screws. Finished in black enamel. Shipping weight, about 6 $\frac{1}{4}$ lbs.

4-A-4012. Price, each, complete..... **\$1.65**

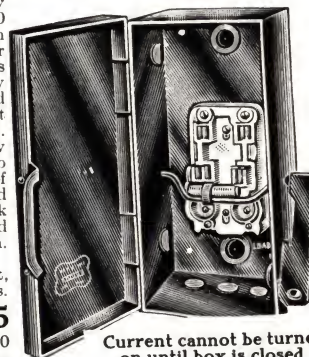


Cannot be opened with current on.

Inclosed type outside operated safety switch, consisting of porcelain base, 250 volt, 30 ampere block fuse switch set in steel box and equipped with outside lever turning current on or off. Eliminates danger of shock. Operated with safety in total darkness. Box cannot be opened until current is turned off and current cannot be turned on until box is closed. For privacy padlock can be used, and only those with keys will then have access to your electric control, preventing theft of fuse plugs. Improved switch brakes tacked cleanly. Plenty of wiring subjects knock outs for $\frac{1}{2}$ or $\frac{3}{4}$ inch conduit. Armored cable connectors and porcelain bushings for use with looni. Black enamel finish. For mountings with screws.

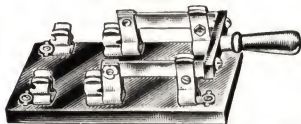
4-A-3063. Safety entrance switch with two-pole, 135 volt, 30 ampere plug fuse switch. Size of box, 10x5x3 $\frac{3}{4}$ inches. Weight, about 6 lbs. Each..... **\$2.05**

4-A-3064. Safety entrance switch with 3 pole, 125 volt, 30 ampere plug fuse switch. Size, 9 $\frac{1}{2}$ x7x3 $\frac{3}{4}$ inches. Weight, about 9 lbs. Each..... **\$3.00**



Current cannot be turned on until box is closed.

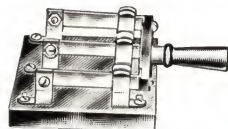
Slate Base Entrance Switches



Used for main line cut-out switch where other wires enter houses or small plants. Two pole switch, size 3 $\frac{1}{2}$ x6 $\frac{1}{2}$ x1 $\frac{1}{2}$ inches. 3 pole switch, 5x6 $\frac{1}{2}$ x1 $\frac{1}{2}$ inches. Capacity, 250 volts, 30 amperes.

4-A-3065. Slate base switch, 2 pole for cartridge fuse. Each..... **\$2.45**
4-A-3065 1/2. 3 Pole Switch for cartridge fuses. Price, each.... **\$3.70**

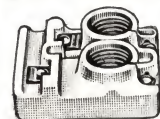
Slate Base Cutout Switches



New Code switch with blades of fine copper. Capacity 250 volts, 30 amperes.

4-A-3066. Single pole switch. Size over all, 2x6x1 $\frac{1}{8}$ inches. Weight, 12 oz. Each..... **45c**
4-A-3067. Two pole switch. Size over all, 3 $\frac{1}{2}$ x4x1 $\frac{1}{8}$ inches. Weight, 1 lb. Each..... **56c**
4-A-3068. Three pole switch. Size of base, 3 $\frac{1}{2}$ x5 $\frac{1}{2}$ x1 $\frac{1}{2}$ inches. Weight 1 $\frac{1}{2}$ lbs. Each..... **\$1.18**

Two Wire Single Branch



4-A-3074. 2 wire single branch plug cut out, 125 volts, 30 amperes, base size, 3x3 $\frac{1}{2}$ x1 $\frac{1}{8}$ inches. Weight, about 13 oz. Each..... **25c**

Conduit Box Couplings



4-A-3090. Made to be used with conduit box bodies, with which they complete fitting seam to a unilet or conduit. Weight, 3 oz. Each..... **10c**

Covers for Deep Body Type



4-A-3093. Blank cover to be used when box is being used as pull or junction box only. Weight, 4 oz. Each.... **10c**

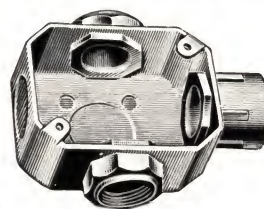


4-A-3094. Hole cover, a face plate when used with 2 button push switch. Weight, 4 oz. Each..... **12c**



Deep Type

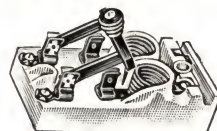
4-A-3092 1/2. Designed to receive all standard flush switches, receptacles, etc., which are mounted in this body same as in any ordinary switch box. 5 knock outs on side and bottom. Size, 3 $\frac{1}{2}$ x2 $\frac{1}{4}$ x1 $\frac{1}{8}$ ins. Supplied with screws for attaching covers. Weight, 8 oz. Each..... **30c**



Shallow Type

4-A-3092. Made for all general classes of work. Used for junction types and drop cord work. Takes all types of wiring devices (flush type, receptacle switches, etc.). 5 knock-outs in sides and bottom. Size, 2 $\frac{1}{2}$ x3 $\frac{1}{4}$ x1 $\frac{1}{8}$ ins. Screws for attaching covers furnished. Weight, 8 oz. Each..... **25c**

Panel Box Switch



4-A-3069. Made for use in switch box where 2 circuits are to be controlled with separate switch. Capacity 125 volt, 30 amperes. Weight 24 oz. Base size 3x6x1 $\frac{1}{8}$ in. Each..... **70c**

Cartridge Fuses

Base Cartridge fuses. Size 2x9-16 in. Select size that will pass smallest amount of current for line with greatest load. Weight, each, 1 ounce.

4-A-3078..... 3 amp.
4-A-3079..... 6 amp.
4-A-3080..... 10 amp.
4-A-3081..... 12 amp.
4-A-3082..... 15 amp.
4-A-3083..... 20 amp.
4-A-3084..... 25 amp.
4-A-3085..... 30 amp.
4-A-3086..... 40 amp.
4-A-3087..... 50 amp.
4-A-3088..... 60 amp.

Each **8c**

Each **12c**

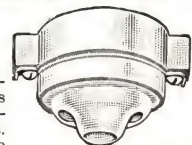


Turn-Button Snap Switches



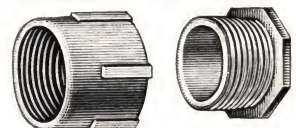
4-A-3070. Single pole and 3-way switches; can be arranged to control light from two different points. 125 volt, 5 ampere, or 250 volt, 3 ampere. Weight each about 4 ounces. Single pole, non-indicating. Each..... **27c**
Single pole, indicating. Each..... **32c**
125 volt, 3 ampere, or 250 volt, 1 ampere.
4-A-3071. 3-way. Each..... **87c**
125 volt, 10 ampere, or 250 volt, 5 ampere.
4-A-3072. Single pole, non-indicating. Each..... **29c**
4-A-3073. Three-way. Each..... **89c**

Cleat Rosette Porcelain



4-A-3089. For installing drop lights in cleat wiring systems. Simply fasten base in position and insert wire. Cap turns on base. Weight, each, 8 oz. Each..... **20c**
10 for..... **\$1.95**

Conduit Box Couplings



4-A-3091. To be used with $\frac{3}{4}$ inch rigid iron conduit pipe and can be connected to conduit box body. Weight, 3 oz. Each..... **15c**

Covers for Shallow Type Body



4-A-3095. Raised cover with $\frac{1}{2}$ inch knock out. Used where junction box only is wanted or for conduit extension. Weight 3 ounces. Each..... **10c**



4-A-3096. Flat cover, with $\frac{3}{4}$ inch push opening. Used for drop cords. Smooth edge preventing injury to cord. Each..... **10c**

Every Needed Item for House Wiring



Conduit Ceiling Boxes

4-A-3097. Made with-out lugs. Used for fixture with bracket outlet. Knock outs for 1/2-inch conduit. 4 inch diameter, 1/2 inch deep. Weight, 7 ounces. Each..... **10c**
4-A-3098. As above except with 5/8-inch knock outs for metallic conduits. Each..... **10c**



Square Outlet Box

Heavy steel outlet box with knock outs on side and bottom for 1/2-inch gas pipe. Can be used for junction box or switch box. 4 inches square, 1 1/2 inches deep. Weight, 7 ounces. Each..... **17c**

Square Outlet Box Covers

4-A-4000. Raised cover, 3/8-inch insulating bushing. Each..... **9c**
4-A-4001. Flat closed cover. Each..... **8c**
4-A-4002. Raised switch or Receptacle Cover } 3/4" **14c**
4-A-4003. Raised double switch cover } 3/4" **15c**



Raised Blank Cover Closed

Weight, 4 ounces.
4-A-4004. For 4-inch box. Each..... **8c**
4-A-4005. For 3 1/4-inch box. Each..... **9c**



Drop Cord Cover 3/8" Hole

Weight, 4 ounces.
4-A-4006. For 4-inch box. Each..... **9c**
4-A-4007. For 3 1/4-inch box. Each..... **8c**



Raised Sign Receptacle Cover

Weight, 4 ounces.
4-A-4008. For 4-inch box. Each..... **8c**
4-A-4009. For 3 1/4-inch box. Each..... **7c**



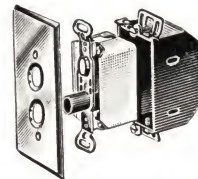
Push Button Flush Switch

Splendid push button flush switch. Standard shallow type. 1 1/2 inch deep, 1 1/2 inch wide. 1 Black, 1 Pearl center button. For 125 volts, 10 ampere current; 250 volt, 5 ampere current. Weight, 6 ounces.

4-A-4010. Single pole switch..... **30c**
4-A-4011. Double pole switch. Each..... **40c**
4-A-4013. Three way switch. Each..... **50c**
4-A-4014. Four way switch..... **\$1.50**

Wall Box Switch and Plate

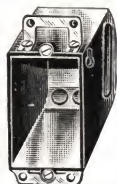
4-A-4015. Complete box switch and plate combination, including single pole switch, single gang push button, flush switch plate and wall box for loom or knob and tube wiring. This outfit is the one which is used for house wiring, and we feature it at a reduced price for convenience in buying economy. It is assembled from our regular stock of high grade electric wiring apparatus. These items are necessary in the installation of a flush switch or when first class, dependable installation is wanted.



Price of wall box switch and plate as illustrated, complete..... **70c**

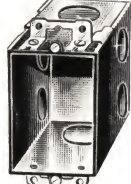
Wall Box for Conduit or Armored Cable

4-A-4017. Single gang box. Will receive any standard push switch. Knock out holes for 1/2-in. conduit or armored cable. By removing one side of box and joining two or more boxes together any number of gangs wanted can be made. Length, 3 inches; width, 2 inches; depth, 2 1/2 inches. Weight, 14 ounces. Each..... **18c**



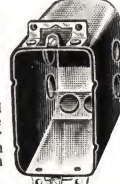
Sectional Loom Switch Box

4-A-4016. Any number of gangs can be made up instantly with this box. Perfect alignment regardless of size box is to be built. Can be used with any standard push switch. 5/8 inch knock outs for 1/4-inch loom, 2 1/2 inches deep. Weight, 11 ounces. Each..... **17c**



Wall Box for Loom or Knob and Tube Wiring

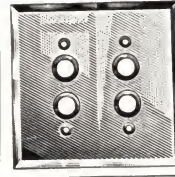
4-A-4018. Designed to be used with flexible loom or knob and tube work. Depth, 2 1/2 inches. Diameter of outlet holes, 5/8 inch to take 1/4-inch loom. Will receive any standard push switch. Weight, 11 ounces.



Face Plate for Single Flush Push Button Switch

4-A-4022. Four attractive finishes are offered for your choice in these heavy solid brass face plates. To cover single gang push button switch. Fits flush against the wall. State finish wanted. Weight, 2 ounces.

Number	Finish	Each
4-A-4023	Brushed Satin Brass	15c
4-A-4025	White Enamel	27c
4-A-4026	Oxidized Copper	27c
4-A-4027	Polished Nickel	27c



Face Plate for Two-Gang Flush Push Button Switch

Designed for use with two push button flush switch plates together in a two-gang box. Made of heavy solid brass in four attractive finishes. Weight, 2 ounces.

Number	Finish	Each
4-A-4028	Brushed Satin Brass	26c
4-A-4030	White Enamel	53c
4-A-4031	Oxidized Copper	53c
4-A-4032	Polished Nickel	53c

Number	Gangs	Each
4-A-4019	One	16c
4-A-4020	Two	32c
4-A-4021	Three	48c

Face Plate for 3-Gang Flush Push Button Switch

Made of solid brass. To be used where three flush switches are placed together within a three-gang box. State finish wanted. Weight, 6 ounces.

Number	Finish	Each
4-A-4033	Brushed Satin Brass	39c
4-A-4035	Oxidized Copper	80c
4-A-4036	Polished Nickel	80c

Duplex Flush Outlet

Made to receive the prongs of any standard attachment plug cap. Two connections can be made to this outlet. Fits in regular metal wall box. Complete with face plate. Weight, 12 ounces.



Number	Finish	Each
4-A-4037	Brushed Satin Brass	80c
4-A-4038	Oxidized Copper	
4-A-4039	Polished Nickel	

Standard Flush Outlet

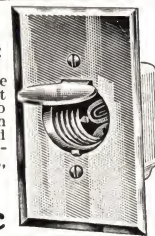
Used for attaching electric household appliances. Eliminates trouble of screwing plug into socket. Prongs of any standard attachment plug can be inserted in slots. Complete with face plate. Weight, 12 ounces.



Number	Finish	Each
4-A-4040	Brushed Satin Brass	60c
4-A-4041	Oxidized Copper	
4-A-4042	Polished Nickel	

Flush Outlet for Edison Base Screw Plug

4-A-4043. Made to receive Edison screw base attachment plug. Install for connections to household appliances. Fits flush to wall or baseboard. Hinged brass door covers socket. Complete with flush plate. Weight, 10 ounces.



Finish	Each
Brushed Satin Brass	50c
Oxidized Copper	
Polished Nickel	

Brass Shell Key Socket

National electrical standard socket with key to turn current off and on. Fibre lights, 1/2-inch cap. Will receive any Edison base lamp. Weight, each 3 ounces.
4-A-4047. Brushed Brass finish..... **25c**
4-A-4048. Oxidized Copper finish or Polished Nickel..... **57c**



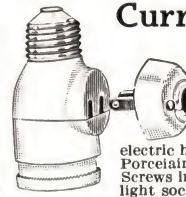
Brass Shell Pull Socket

National Electric Code Standard Socket with 8-inch chain to control current. Brass shell fibre line, 1/2-inch cap. Weight, 3 ounces.
4-A-4049. Brush Satin Brass finish. Each..... **36c**
4-A-4050. Oxidized Copper finish..... **95c**
4-A-4051. Polished Nickel finish..... **95c**



Porcelain Socket with Pendant Cap

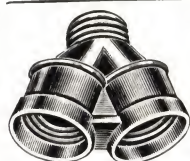
Made to be used on drop cords in damp places or basements. Weight, 6 ounces.
4-A-4052. Each..... **36c**
4-A-4053. As above, but keyless. Each..... **32c**



Current Tap

A handy device made to accommodate light bulb and supply a connection for electric household device. Porcelain body and cap. Screws into any ordinary light socket. Either connection can be used alone or both can be used at same time.
4-A-4054. Price, each..... **45c**

Priced Very Low for Big Economy



Twin Light Plug
35c

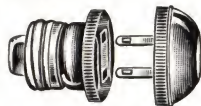
4-A-4055. Made in one piece of special material which is not affected by moisture or heat and will not break if accidentally dropped. A small compact neat plug made to fit all Edison base sockets or receptacles. Price, each.....**35c**



Plug Caps
13c

4-A-4056. Made of hard insulated composition with knife braided contact points to fit all standard receptacles and plugs. 10 amperes, 250 volts. Wires easily attached. Hole large enough to take in average electric fixture wire. Price, each.....**13c**

Separable Attachment Plug



4-A-4057. Made with hard composition insulated cap and fitted with base knife braided contacts. Edison screw base. Will fit any standard receptacle and plug. Will carry 660 watts and 250 volts. Price, each.....**15c**

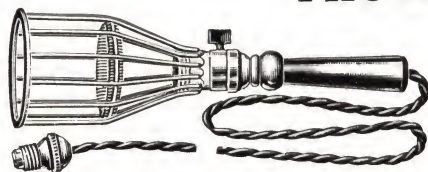


Insulating Tape and Splicing Compound

Used on all electric jobs for covering wires where insulation has been removed, for wrapping splices. All soldered ends should be wrapped with a rubber tape and covered with connector tape.

4-A-4058. Black fixture tape, 3/4 inch wide. 1/2 lb. package. **30c**
4-A-4059. Rubber Splicing tape, 3/4 inch wide. 1/2 lb. package. **35c**

PROTECTED EXTENSION LIGHTS



\$2.00

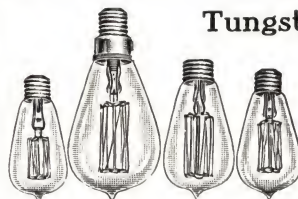
4-A-4060. A carefully assembled extension light for use about the home and other buildings. Made with strong, protected 110 volt, 16 candle power cord

protecting guard and wooden handle. Key socket, 110 volt, 16 candle power cord socket. Lamp not included. Weight, 2 lbs. Each.....**\$2.00**

\$3.35



4-A-4061. Improved extension light with strong guard protector and reflecting shade to centralize the light where you want it. Made with 20 feet of cable. Lamp not included. Weight, 6 lbs. Each.....**\$3.35**



Tungsten Lamps

These lamps consume one-third the current used by ordinary carbon lamps of equal power. On account of Tungsten Metal being very easily broken by rough handling, we cannot guarantee safe delivery or replace Tungsten lamps shipped by mail.

100 to 130 Volts.

Clear Glass Tungsten Lamps

4-A-8005. 60-Watt. Each.....	30c	4-A-8003. 40-Watt. Each.....	25c
4-A-8006. 100-Watt. Each.....	43c	4-A-8004. 25-Watt. Each.....	25c

High or Low Electric Light Regulator

20 Light Changes—Dim to Bright

This perfected electric light regulator works equally well upon either direct or alternating current. It gives you exactly the strength of light you wish at all times—twenty changes of light—dim or bright—easily regulated by pulling either the dark or light chain. Made with a highly finished brass shell with socket construction to attach to a shade holder.

Just the thing for hospitals, sick rooms, nurseries, bathrooms, hallways, bedrooms or where a low light is necessary.

Any ordinary electric globe can be used provided it is not more than 40 watts capacity. Furnished for 110, 30 or 32 volt. Specify voltage when ordering.

4-A-8904. Electric light regulator, complete without electric lamp. Each.....**\$1.10**



You simply pull the light or dark chain to subdue or brighten the light

Skeleton Bells



Used for fire and burglar alarms, or for other purposes that require a strong, loud ringing bell, such as mills, shops, and factories. The contact points are platinum, thus insuring a uniform penetrating sound.

4-A-10503. 4-in. Gong. Each.....	\$4.95
4-A-10505. 5-in. Gong. Each.....	\$5.85
4-A-10507. 6-in. Gong. Each.....	\$6.65
4-A-10509. 8-in. Gong. Each.....	\$10.75
4-A-10511. 10-in. Gong. Each.....	\$15.95

Iron Box Bells



Used for door and call bells. Box is made of stamped sheet steel, nickel plated cast gong. German silver contacts. Can be operated and rings clearly with one cell of battery at a distance of 150 feet.

4-A-10501. 2 1/2 in. iron box bell.....**60c**
4-inch iron box bell. Used where a louder tone is required.....**75c**

Iron Box Buzzer



Used in place of bells for call purposes. Makes a loud buzzing sound.

We advise the use of a buzzer for the back door, as it is easy to distinguish the sound of buzzer from the bell which can be used for front door.

4-A-10513. Iron box buzzer, Japanned finish.....**50c**

Bell Transformer



4-A-20055. This transformer connects to house - lighting circuit. Reduces current, low voltage for operating door bells, buzzers, annunciators, etc., doing away with dry cells. Stock transformers will operate on 100 to 130 volts, 60 to 133 cycle. "Junior" Bell Ringer, 2 1/2 x 2 1/2 inches, weight, 2 1/2 pounds.....**\$1.25**

Columbia Dry Batteries



Designed especially for ignition work. Low internal resistance, intended for theseverest work under which an open circuit dry battery will qualify. Suitable for automobiles, motor boats, gasoline engines, small incandescent lights, small motors. Will test from 25 to 30 amperes. Weight, 2 lbs. **4-A-10521.** Size, 2 1/2 x 6 inches. Each. **50c**

Push Buttons



Wood

4-A-10527. Wood push buttons. Oak, ash, cherry or walnut. German silver springs, porcelain button.....**10c**

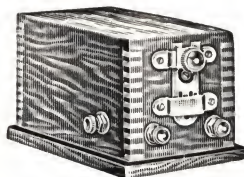


Metal

4-A-10529. Solid cap stamped brass buttons.....**15c**

Jump Spark Coils

For Stationary and Marine Engines



4-A-20050. Designed to answer the most rigid requirements of marine and stationary gas engines, regardless of horse power.

A hot, flaming arc is produced under compression with minimum current consumption, increasing the life of the batteries.

Coils are equipped with a vibrator. It is impossible to adjust the vibrator to consume an excessive amount of current. Arcing at contact points is practically eliminated. Large points are used, made of the very best grade of tungsten.

Assembled in a dovetailed, highly polished seasoned oak case. Single cylinder.....**\$2.80** Double Cylinder.....**\$5.25**

Make and Break Spark Coils

Moisture Proof

For stationary and marine make and break engines. **4-A-20051.** Coils are assembled in a substantial black enameled steel case, 2 1/4 inches square by 6 inches high, occupying the same space in the battery box as an ordinary dry cell. They are very economical on battery power and generate at all times a hot, intense spark.

These coils are immersed in a special insulating compound, rendering them absolutely impervious to moisture.

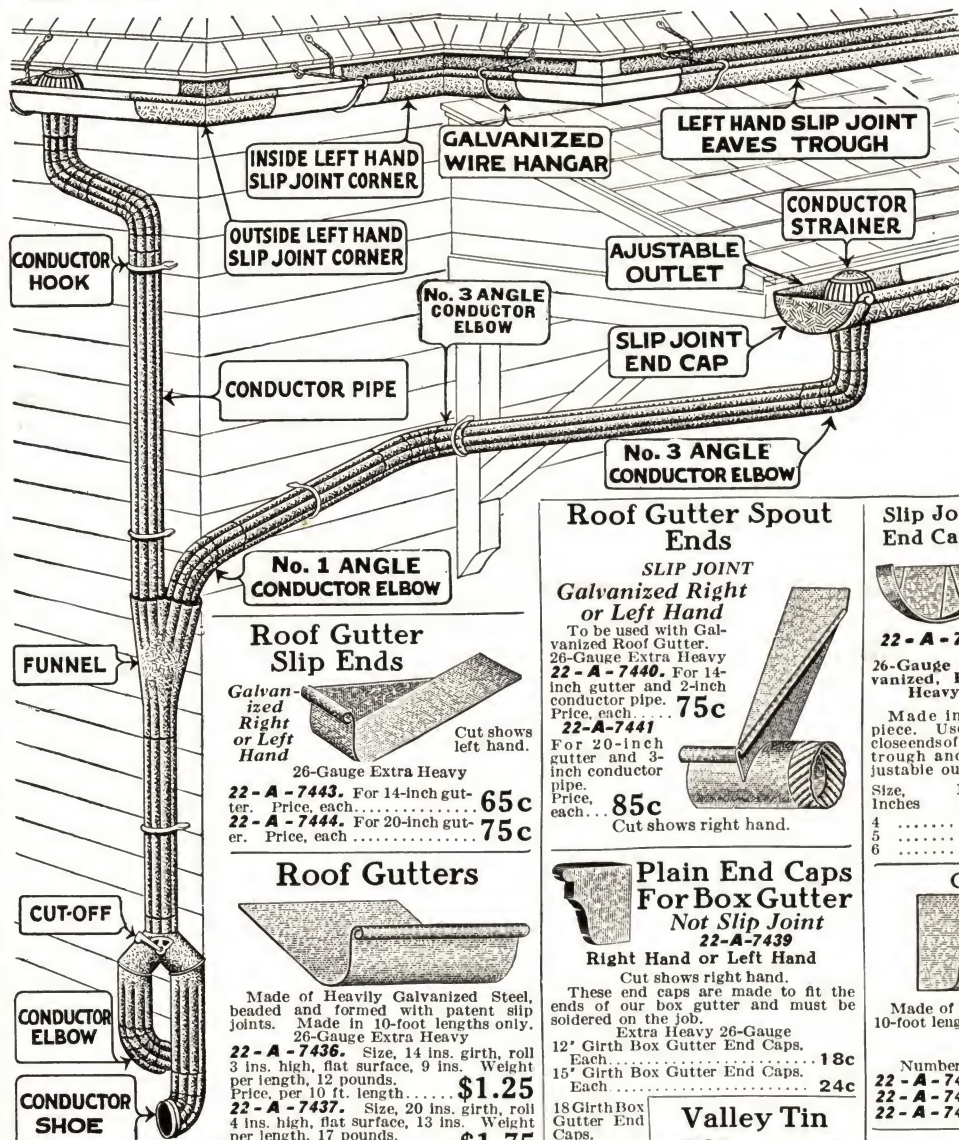
Any of our coils can be furnished with a single or double throw switch. A combined coil and switch is a very late improvement in Ignition Equipment. It simplifies the wiring circuit and eliminates the expense of one primary wire, battery switch and the mounting of same on the battery box.

No. 10.	Make and break Coil without switch.....	\$0.95
No. 10.	Make and break Coil with single throw switch.....	1.10
No. 10.	Make and break Coil with double throw switch.....	1.20



Galvanized Eaves Trough Fittings

In Comparing Prices
Remember—We sell only 28 and 26 U. S. Government Standard Gauges. We do not sell or recommend 29 Gauge—28 is the lightest that should be used.



Adjustable Outlet

Consists of about 12 inches of trough, with drop outlet soldered on bottom to connect to the conductor pipe.



22-A-746. 26 Gauge, Extra heavy

For Eaves Trough Size Inches	For Conductor Pipe Size	22-A-746 26 gauge Price Each
4	2'	22c
5	3'	26c
6	4'	29c

Galvanized Corner Mitre



Cut shows inside left hand. These corners are made with both inside and outside bead. Be sure to order according to number.

28 Gauge Standard Weight

22-A-747. Outside corner, right hand.

22-A-748. Outside corner, left hand.

22-A-749. Inside corner, right hand.

22-A-7410. Inside corner, left hand.

22-A-7411. Outside corner, right hand.

22-A-7412. Outside corner, left hand.

22-A-7413. Inside corner, right hand.

22-A-7414. Inside corner, left hand.

Size, inches 4 5 6
Price, each 28c 35c 40c 45c

Slip Joint End Caps



22-A-744. 26-Gauge Galvanized, Extra Heavy

Made in one piece. Used to close ends of eaves trough and adjustable outlets.

Size, inches 4 5 6

Price, each 10c 13c 14c

Size, inches 4 5 6

Price, each 33c 40c 45c

Galvanized Box Gutters



Made of Heavily Galvanized Steel and furnished in 10-foot lengths only, both ends open.

LAP JOINT

Number	26-Gauge Extra Heavy Girth	Size	Depth	Price, per 10' Lengths
22-A-7421	12'	4"	3 1/2"	\$0.95
22-A-7423	15'	5"	4 3/4"	1.35
22-A-7424	18'	6"	6"	1.60

Box Gutter Mitres



Cut shows outside mitre.

INSIDE MITRES

OUTSIDE MITRES	INSIDE MITRES
22-A-7429. 12 Girth. \$0.80	22-A-7460. 12 Girth. \$0.80
22-A-7431. 15 Girth. 1.10	22-A-7461. 15 Girth. 1.10
22-A-7432. 18 Girth. 1.30	22-A-7462. 18 Girth. 1.30

Outlets for Box Gutter



Made of a piece of box gutter about 12' long with a tube about 4' long soldered to it to represent the same kind of an outlet as shown for eaves trough—without slip joints.

Extra Heavy 26-Gauge	Price, per foot
12' Girth for 2' Conductor Pipe. Each	\$0.78
15' Girth for 3' Conductor Pipe. Each	1.08
18' Girth for 4' Conductor Pipe. Each	1.28
18' Girth for 5' Conductor Pipe. Each	1.37

Roof Gutter Spout Ends

SLIP JOINT
Galvanized Right or Left Hand

To be used with Galvanized Roof Gutter.

26-Gauge Extra Heavy

22-A-7440. For 14-inch gutter and 2-inch conductor pipe.

Price, each 75c

22-A-7441. For 20-inch gutter and 3-inch conductor pipe.

Price, each 85c

Cut shows right hand.



Plain End Caps For Box Gutter Not Slip Joint

22-A-7439
Right Hand or Left Hand

Cut shows right hand. These end caps are made to fit the ends of our box gutter and must be soldered on the job.

Extra Heavy 26-Gauge

12' Girth Box Gutter End Caps. Each 18c

15' Girth Box Gutter End Caps. Each 24c

18' Girth Box Gutter End Caps. Each 30c



Valley Tin



Made of high grade tin plate in a continuous length, locked and soldered.

PAINTED ONE SIDE

22-A-7445. 14 inches wide, weight, per roll, 30 lbs.

Price, per foot 10c

Price, 50 ft. roll 3.95

22-A-7446. 20 inches wide, weight, per roll, 48 lbs.

Price, per foot 13c

Price, 50 ft. roll 5.95

GALVANIZED

22-A-7447. 14 inches wide, weight, per roll, 40 lbs.

Price, per foot 12c

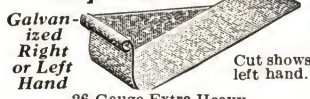
Price, 50 ft. roll 5.25

22-A-7448. 20 inches wide, weight, per roll, 60 lbs.

Price, per foot 16c

Price, 50 ft. roll 7.50

Roof Gutter Slip Ends



Galvanized Right or Left Hand

26-Gauge Extra Heavy

22-A-7443. For 14-inch gutter. Price, each 65c

22-A-7444. For 20-inch gutter. Price, each 75c

Roof Gutters



Made of Heavily Galvanized Steel, beaded and formed with patent slip joints.

Made in 10-foot lengths only.

26-Gauge Extra Heavy

22-A-7436. Size, 14 ins. girth, roll 3 ins. high, flat surface, 9 ins. Weight per length, 12 pounds.

Price, per 10 ft. length 1.25

22-A-7437. Size, 20 ins. girth, roll 4 ins. high, flat surface, 13 ins. Weight per length, 17 pounds.

Price, per 10 ft. length 1.75

Ridge Roll—Plain Apron



10 Foot Lengths

28-Gauge Standard Weight

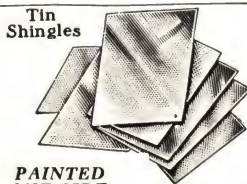
A neat water-proof Cap for the ridge of roofs. It is made in 10-foot lengths and can be used on shingles or any other kind of roofing. We do not furnish cut lengths.

Number	Size of Roll inches	Width of Apron inches	Girth inches	Per length
22-A-7522	1 1/2	2	8	53c
22-A-7523	2	2 1/2	10	62c
22-A-7524	1 1/2	2	8	69c
22-A-7525	2	2 1/2	10	76c

GALVANIZED FLASHING SHINGLES

22-A-7528. Size, 5x7 inches, weight per 100, 20 lbs. Each 3c

22-A-7529. Size, 7x10 inches, weight per 100, 30 lbs. Each 6c



PAINTED ONE SIDE

Made of roofing tin. Used for making tight joints around chimneys and roof hip finish.

22-A-7527. Tin Shingles. Size, 2 1/2 x 7 inches. Weight, per 100 pieces, 5 3/4 lbs.

Each 1 1/2c

Price, per 100 1.25

22-A-7525. Tin Shingles. Size, 5x7 inches. Weight, per 100 pieces, 11 1/2 lbs.

Each 2c

Price, per 100 1.65

22-A-7526. Flashings. Size, 7x10 inches. Weight, per 100 pieces, 20 lbs.


Each 4c

Price, per 100 3.75

CONDUCTOR PIPE AND TRIMMINGS

Galvanized Wire Hangers


22-A-7415
Made of galvanized wire, and is the most simple and satisfactory hanger on the market.



Size, inches..	4	5	6
Price, Dozen	30c	32c	35c

Conductor Hooks

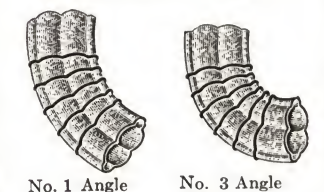
22-A-759.
Galvanized Conductor Hooks for Corrugated Conductor.



Prices per dozen

Size, Inches	Price, per doz. for wood	Price, per doz. for brick
2	\$0.42	\$0.48
3	.52	.60
4	.74	.89
5	1.05	1.30
6	1.26	1.58

Conductor Elbows Galvanized Corrugated



No. 1 Angle No. 3 Angle

22-A-753
28-Gauge—Standard

Size, Inches	Price, Each
2	20c
3	25c

22-A-754
26-Gauge—Extra Heavy

Size, Inches	Price, Each
2	\$0.27
3	.32
4	.54
5	1.00
6	1.25

"Harris" Double Barrel Ventilating Galvanized Smoke-Stacks

These are made of extra heavy 26-gauge galvanized steel, to fit over an ordinary 6" stove pipe. The outside barrel is 8" in diameter, giving 1" air space all around.

Here is a sensible galvanized iron chimney, especially designed for Garages. It is a "Double Barrel" chimney because it has one barrel inside the other.

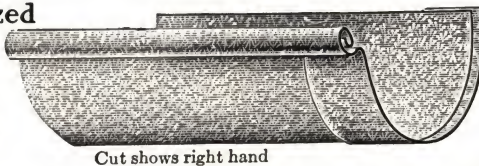
Easily set in place, simply cut a hole of about a foot square or round in the roof where you want the chimney placed. The pipe from your stove fits into the inner chamber and serves as a smoke shaft, or chimney — the outer chamber opening into the room serves as a splendid ventilator. The heated smoke chimney touches no wood and helps to prevent fire from over-heating.

Includes both roof flange and ceiling flanges 24x24 inches.

22-A-204
Price, complete Each.\$5.75

IN COMPARING PRICES
REMEMBER:—We sell only 28 and 26 U. S. Government Standard Gauges. We do not sell or recommend 29 Gauge—28 is the lightest that should be used.


Galvanized Eaves Trough Improved Slip Joint



Most convenient Eaves Trough. Made of heavily galvanized steel sheets. Each length has an improved slip joint at one end, can quickly and easily be put together without soldering. Water-tight joints. Be sure and state whether right or left hand trough is wanted. Right hand trough discharges water at the right hand end of the trough; left hand trough discharges the water at the left hand end when you face it. Sold in 10-foot lengths only. We do not supply cut lengths.

Width at top Size, Inches	No. 22-A-741 28-Gauge Standard		No. 22-A-742 26-Gauge Extra Heavy	
	Weight	10-Foot Length	Weight	10-Foot Length
4	5 lbs.	60c	6 lbs.	72c
5	6 lbs.	64c	7 1/2 lbs.	75c
6			9 lbs.	95c

Galvanized Conductor Pipe



This Conductor Pipe is made of strictly first quality heavily galvanized sheets. Nothing better, stronger or more durable in this gauge of pipe can be had. It is made in 10-foot lengths without cross seams. Will not burst when full of ice. We furnish it in full 10-foot lengths only.

Diameter Size, Inches	No. 22-A-751 28-Gauge Standard		No. 22-A-752 26-Gauge Extra Heavy	
	Weight	10-Foot Length	Weight	10-Foot Length
2	5 lbs.	\$0.52	6 lbs.	\$0.67
3	6 lbs.	.58	7 1/2 lbs.	.70
4			10 lbs.	.98
5	4", 5" and 6" not carried in 28-Gauge.		12 1/2 lbs.	1.30
6			14 lbs.	1.60

Notice! This Is Important!
Size of Conductor to Use With Eaves Trough
All Fittings Are Furnished Accordingly

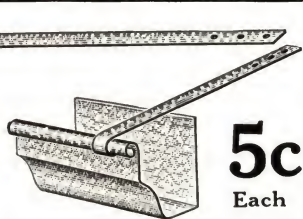
For Eaves Trough.....	4"	5"	6"
Use Conductor Pipe.....	2"	3"	4"

Box Gutter Strap Hanger

22-A-7416. Most convenient time saving hangers for box or roof gutters. Makes a simple job of eaves trough hanging. Holds them solid and secure. Made of 16-gauge galvanized steel.

Price, each..... 5c

Price per dozen..... 55c



Metal Hip Shingles

These shingles are much more ornamental than the wood hip caps and are easily laid. Size of shingles, 4x9 inches.

22-A-7531
Painted tin hip shingles. Size, 4 inch by 9 inch.
Price, each \$0.03 1/2
Price per 100 3.00

22-A-7532
Galvanized hip shingles. Size, 4 inch by 9 inch.
Price, each.....\$0.04 1/2
Price, per 100..... 4.00

Conductor Strainer

22-A-7514. Galvanized Wire Conductor Strainers. To be placed in the outlet of eaves trough preventing leaves, etc., from stopping up the conductor. Size given indicates the size of the conductor pipe strainers will fit.

Size, Inches	Price, Each
2	10c
3	12c
4	15c
5	25c
6	30c

Strap Hangers for Eaves Trough

22-A-9348.
Quickly attached. Makes gutter hanging an easy job. Made of heavily galvanized strap iron.

Size, inches....	4	5	6
Per Dozen.....	60c	70c	85c



Conductor Fasteners

Suitable for wood or brick buildings. Made of heavily galvanized wire. Keeps the pipe from coming in contact with the building, making it possible to paint behind the conductor pipe, preventing the moisture from rotting the siding and corroding the pipe.

22-A-758
Size of Conductor Pipe, Inches 2 3 4 5 6
Gauge of wire... 15 15 11 10 9
Price, per dozen..33c 36c 43c 59c 72c



Conductor Shoes

(Galvanized Corrugated)
Made of galvanized steel.
28-Gauge Standard

22-A-756
Size, Inches 2 3
Price, Each \$0.24 .29

26-GAUGE EXTRA HEAVY 22-A-757
Size, Inches 2 3 4 5 6
Price, Each \$0.32 .38 .67 1.18 1.37



Conductor Funnel

Used for running two conductor pipes into one outlet. Size given is size of lower spout.

22-A-7512 28-Gauge Galvanized. Standard Gauge.
Size, In. Price, Ea.
2.....\$0.42
3......46
22-A-7522 26-Gauge Galvanized, Extra Heavy.
Size, In. Price, Ea.
2.....\$0.45
3......49
4......55
5......90
6..... 1.20



Rain Water Cut-Off For Corrugated Conductor Pipe

28-Gauge Galvanized, Standard Gauge.
22-A-7510
Size, Inch Price, Each
2.....\$0.57
3......61
22-A-7511 26-Gauge Galvanized—Extra Heavy.
Size, In. Price, Each
2.....\$0.65
3......69
4......95
5..... 1.75
6..... 2.00



Block Finials Galvanized

22-A-7530
Used in connection with ridge roll. 1 1/2 and 2 inch ridge roll.
Price, each.....50c



Gold Medal Wall Board

A Real Wall Board—the
one you've waited for!

GOLD MEDAL WALLBOARD

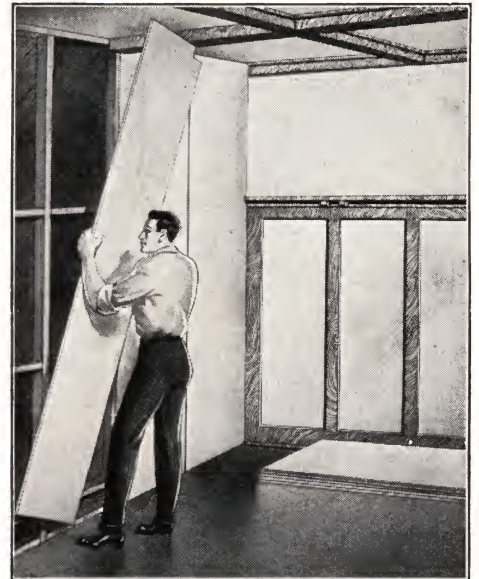
Is the Nearest Approach to Wallboard Perfection

A Perfected Wood Fibre-Board

Makes a beautiful cream wall.
Material colored in making. Re-
quires no decoration whatever.

No dirt—No waste—No delay.
You yourself can easily put it
on and do a perfect fast job.

Rosin Sized—Vermin Proof—Will Take Paint—Calci-
mine—Stain—Grain—Varnish—Can Be Papered Over



A clean, neat and satisfactory wall or ceiling material—can be cut with a knife or saw without injury to either. Panels are nearly one-quarter of an inch thick—thoroughly dried and seasoned—can be nailed directly to rafters or studs 16 or 24 inches apart—makes a beautiful, permanent, sanitary and economical wall or ceiling. Will stand shocks, jars and vibrations that will bring down plaster—is a non-conductor—keeps out the cold and holds the heat inside in winter. Also cooler in summer.

You can make new rooms, partition, line or ceil while you are living in your house for there is no dampness as in lath and plaster work. Panels can be handled by ONE person. No crack filling necessary—cover the seams with wood panel strips or gummed wallboard tape and your job is clean and complete.

We Guarantee

safe delivery in convenient packages wrapped in Quality
Craft paper. Can be strapped on the running board of a car.



SPECIAL PRICES!

22-A-300 Gold Medal Wallboard.

Size		Price
Ins.	Ft.	Per Sheet
48 x 6	\$0.72
48 x 784
48 x 896
48 x 9	1.08
48 x 10	1.20
48 x 12	1.32

22-A-9307 Gummed Wallboard Tape—
1½" wide in 100 ft. rolls.
Price per Roll.....10c

22-A-8281 Clear fir or pine panel strips,
1⅜" wide. Price per 100 lineal feet.....80c

22-A-9308 Flat Head three penny nails
for wallboard—1 pound to a square.
Price per Pound.....7c

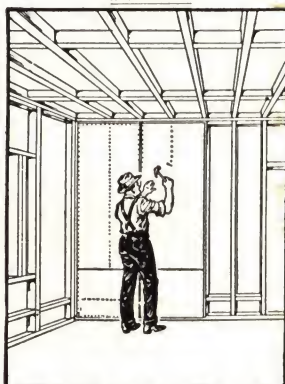
"Smoothwall" Plaster Board



Cross cut showing strength of "Smoothwall"



Note how easy it is to handle "Smoothwall"



Can you nail down a board? That's all the skill you need

Nationally Advertised. Makes a Stronger, Better Wall or Ceiling. Fire Resisting—Bears Underwriters' Approval. $\frac{3}{8}$ Inch Thick. You Can Apply it Yourself.

This is the famous Plasterboard that you see advertised nationally in the leading periodicals under the manufacturers' copyrighted name—the best plasterboard manufactured—offered to you under our own name of "Smoothwall" at a big saving in price. Outells all competitive boards at least two to one and is now used on all classes of buildings. Comes in strong, rigid

sheets 48 inches wide and 6 to 10 feet long, to fit every wall and ceiling.

"Smoothwall" plasterboard will not burn or support combustion. Made of pure gypsum, the material that from time immemorial has been used for solid, smooth-surfaced, permanent walls and ceilings. Approved by the Underwriters' Laboratories, Inc., as an effective barrier against fire.

Cooler in Summer—Warmer in Winter

Walls and ceilings covered with "Smoothwall" are not affected by atmospheric changes or climatic conditions. They will not warp or buckle. Gypsum in itself is one of the best insulators known—a property that is still further increased in "Smoothwall" plasterboard by the heavy outer layers of specially prepared paper. The cold air is kept out in winter

and the hot air in summer. "Smoothwall" sheets are extremely rigid, solid and strong, and will last as long as the building stands. Yet they are light enough to be easily handled and erected. They will not harbor vermin or dust because of their rock-like nature, tight joints and smooth surface—clean and sanitary.

You Can Do the Job Yourself

Anyone who can nail a common board in place can apply "Smoothwall" plasterboard. No waiting for the building to dry out. Cuts readily with a saw, or may be scored with a knife and snapped off—in the same way as a glazier cuts glass. The reinforced nailing edge—a patented square folded edge—insures durability and uniform tight-fitting joints. You nail it in place with 3-penny common nails—about $\frac{1}{4}$ pound to the average piece.

Wherever a strong, economical wall or ceiling is required, "Smoothwall" is the answer. Whether you want it for your new home, or to convert extra space into useful rooms, or to line your garage, hen-house or boiler room, you can find nothing more satisfactory than "Smoothwall" plasterboard. It is adaptable to any kind of decoration—wallpaper, paint, calcimine, enamel, lining cloth or paper—either with or without panels. When properly decorated, joints are completely concealed.

Prices of "Smoothwall" Plasterboard

Order by No. 22-A-718

Size	Price per Sheet
48 inches by 6 feet.....	\$1.08
48 inches by 7 feet.....	1.26
48 inches by 8 feet.....	1.44
48 inches by 8 feet 6 inches.....	1.53
48 inches by 9 feet.....	1.62
48 inches by 10 feet.....	1.80

New and Better Method of Filling Plasterboard Joints and Cracks in Old Walls

Harris Reinforcing Joint Tape

HARRIS Joint Tape is made from an open mesh fabric, specially prepared for reinforcing plaster used to fill joints between plasterboard. Comes in rolls 2 in. wide and 160 ft. long, enough for the average room. We recommend that plasterboard joints be filled with our "No Shrink" patching plaster, spreading plaster out 1 inch on each side of joint; then embedding HARRIS Tape while filler is still soft; finishing off with more "No Shrink" plaster. This method results in a joint that is permanent, smooth and easy to decorate.

22-A-7182 HARRIS Reinforcing Joint Tape, per roll.....\$0.70

"No Shrink" Patching Plaster

The ideal filler for plasterboard joints. Recommended especially for use with HARRIS Reinforcing Joint Tape. Can also be used for patching old plaster walls. Instructions enclosed in each package. Pure white. Slow setting, easily handled, just add water, no sizing required. Five pounds of this plaster will fill plasterboard joints in the average room.

22-A-7181 "No Shrink" Patching Plaster.
 2½ lb. packages, price each.....\$0.23
 5 lb. packages, price each......39
 15 lb. packages, price each......65

COUNTRY BUYERS, PLEASE NOTE! On local freight shipments, add 10% to the above prices on all orders over \$15.00 to cover cost of crating. On orders under \$15.00, add \$1.50 for crating. If you can use 12,000 square feet or more, we will ship direct from the factory and save you all crating

expenses as well as give you the benefit of carload freight rates. Specify the largest quantity you can buy of each size and we will quote you our low carload freight-prepaid prices. We can ship up to 22,000 square feet on the minimum carload rate.



With an ordinary trowel or putty knife and Harris' Reinforcing Joint Tape and "No Shrink" Plaster, joints and cracks are perfectly concealed



Splendidly adapted to any kind of decoration

Select the Colors of Your Paints, Stains,

For convenience and accuracy in ordering, we show here color reproductions of Harris Paints, Stains, Lacquers and Enamels. They are very close to the shades of the actual paint colors—as near as it is possible to reproduce them with printing ink. Harris Paint Products afford unlimited opportunities for you to gratify your individual taste in beautifying the Interior and Exterior of your Home.

FLAT WALL Washable Paint For Interior Decorating

Prices on Following Pages

No. 89—WHITE



No. 90—Gray



No. 82—Buff



No. 83—Pink



No. 91—Tan



No. 80—Cream



No. 81—Canary



No. 92—Deep Cream



No. 84—Pale Blue



No. 85—Light Green



No. 86—Green



No. 87—Red



No. 88—Leather Brown

Harris Guaranteed HOUSE PAINT

Prices on Following Pages

Furnished in
WHITE No. 525



No. 5126—Cream



No. 2109—Light Yellow



No. 545—Special Cream



No. 2154—Ivory Yellow



No. 2111—Canary



No. 2119—Oak



No. 2108—Orange



No. 5129—Tan



No. 2153—Buff



No. 3104—Brown



No. 3159—Russet



No. 5130—Chocolate



No. 538—Silver Gray



No. 2116—Pink



No. 2102—Azure Blue



No. 3160—Peacock Blue



No. 3156—Blue Green



No. 2104—Blue



No. 2118—Fawn



No. 2120—Terra Cotta



No. 2122—Venetian



No. 5154—Vermilion



No. 2152—Cherry



No. 2123—Maroon

Furnished in
BLACK No. 550



No. 5107—Drab



No. 2105—Light Gray



No. 526—Medium Gray



No. 2106—Slate



No. 5134—Gray



No. 2107—Dark Gray



No. 2115—Bronze



No. 2113—Olive



No. 2114—Pea Green



No. 5160—Moss Green



No. 5140—Blind Green



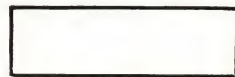
No. 5139—Dark Green

SATIN-KOTE Kalsomine

For Interior Decorating

Prices on Following Pages

12 Beautiful Colors



No. 100—White



No. 120—Cream



No. 53—Light Buff



No. 140—Yellow



No. 150—Pea Green



No. 52—Medium Green



No. 200—Light Blue



No. 49—Azure Blue



No. 125—Blue



No. 138—Salmon Pink



No. 136—Pink



No. 133—Buff

HARRIS BROTHERS COMPANY

Lacquer and Enamels From This Chart

You will like Harris Guaranteed Paint Products, not only for the many beautiful effects that may be gained from this very complete array of colors, but because of their unexcelled quality. You may pay twice the price, but you cannot purchase better painting materials than these. Complete descriptions, prices and our paint guarantee will be found in the pages which follow.

Harris Durable FLOOR PAINT

Prices on Following Pages



No. 1140—Gray



No. 1146—Lead



No. 1147—Green



No. 1141—Yellow



No. 1143—Tan



No. 1145—Red

Harris GARAGE and BARN PAINT

Prices on Following Pages



No. 816—Yellow



No. 810—Red



No. 813—Maroon



No. 814—Lead



No. 815—Slate



No. 812—Green

Brushing or Spraying LACQUER

Prices on Following Pages



No. 500—Old Ivory



No. 505—Golden Yellow



No. 510—India Buff



No. 501—French Gray



No. 506—Orange



No. 511—Lettuce Green



No. 502—Mist Blue



No. 507—Mandarin Red



No. 512—Apple Green



No. 503—Shantung Blue



No. 508—Bright Red



No. 513—Jade Green



No. 504—Rich Blue



No. 509—Golden Brown



No. 514—Dark Green

Harris AUTOMOBILE ENAMEL

Prices on Following Pages



No. 1195—Yellow



No. 1103—Red



No. 1107—Medium Green



No. 1100—Deep Cream



No. 1108—Tan



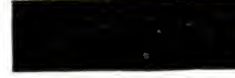
No. 1104—Brewster Green



No. 1101—Battleship Gray



No. 1102—Dark Blue



No. 1105—Black

Harris HIGH GLOSS ENAMEL

Prices on Following Pages



No. 1167—Orange



No. 1162—Carmine



No. 1161—Silver Gray



No. 1157—Rose Pink



No. 1156—Sea Green



No. 1166—Bright Green



No. 1164—Vermilion



No. 1168—Pale Blue



No. 1165—Green

HARRIS BROTHERS COMPANY

Harris Creosote SHINGLE STAIN

Prices on Following Pages



No. 64—Venetian Red



No. 69—Silver Gray



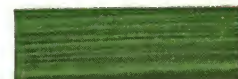
No. 62—Weathered Oak



No. 66—Brown



No. 65—Moss Green



No. 68—Light Green

Harris High Lustre VARNISH STAIN

Prices on Following Pages



No. 101—Light Oak



No. 102—Rosewood



No. 103—Mahogany



No. 104—Walnut



No. 105—Cherry



No. 106—Antique Oak

HARRIS House Paint



\$ 1⁹⁵

Per Gallon



THE QUALITY of the paint you use should be more carefully considered than probably any other material you buy. The purchase of good paint—the kind that is made from a scientific formula of finest ingredients, is real genuine economy. "Harris" house paint is good paint. Pure linseed oil, lead and zinc are used as the main body.

36 Non-fading Colors to Choose from

See Our Paint Color Chart in This Book

No. 525—White
No. 550—Black

No. 545—Special Cream
No. 2154—Ivory Yellow
No. 2111—Canary
No. 2119—Oak
No. 2108—Orange
No. 5129—Tan
No. 2153—Buff
No. 3104—Brown
No. 3159—Russet
No. 5130—Chocolate
No. 538—Silver Gray
No. 2116—Pink
No. 2102—Azure Blue
No. 3160—Peacock Blue
No. 3156—Blue Green
No. 2104—Blue
No. 2118—Fawn

No. 2120—Terra Cotta
No. 2122—Venetian
No. 5154—Vermilion
No. 2152—Cherry
No. 2123—Maroon
No. 5107—Drab
No. 2105—Light Gray
No. 526—Medium Gray
No. 2106—Slate
No. 5134—Gray
No. 2107—Dark Gray
No. 2115—Bronze
No. 2113—Olive
No. 2114—Pea Green
No. 5160—Moss Green
No. 5140—Blind Green
No. 5139—Dark Green



No. 5126—Cream
No. 2109—Light Yellow

**You Can Pay More But You
Won't Get Better Paint**

Order No. 9-A-700

1 quart cans. Each.....	\$0.70	5 gallon kit. Per gallon.....	\$2.08
1 gallon cans. Each.....	2.10	25 gallon (½ bbl.). Per gal.....	2.00
		50 gallon bbls. Per gallon.....	\$1.95

5 Gallon Kit of Harris House Paint and One High Grade 4-inch Brush (Set in Rubber)

\$11⁰⁰

The brush furnished is of excellent quality, 4 inches wide with pure black bristles, 3¾ inches long, set in vulcanized rubber. Regular \$1.75 value.
No. 9-A-701—5 Gallon Kit of Harris House Paint and one High Grade 4-inch Brush.....**\$11.00**

Brushing or Spraying LACQUER

"Dry in 30 Minutes"

Make Your Home Cheerful and Attractive
Easy to Apply—Long Lasting!

Add new life and beauty to your old furniture with Harris Brushing or Spraying Lacquer. With the wide range of colors many beautiful combinations are possible. One or two coats applied 30 minutes apart is usually sufficient. Easily cleaned with soap and water, and if a high finish is desired use any Lacquer Polish.

USES

FURNITURE — WOODWORK — WALLS — FLOORS — LAMPS—PICTURE FRAMES—ICE BOXES—ELECTRIC FIXTURES and APPLIANCES—RADIO CABINETS—OFFICE FURNITURE—BRIC-A-BRAC—FLOWER BOXES.

Anyone can apply Harris Brushing Lacquer with splendid results. May be brushed on or sprayed. For spraying we recommend our spray pump on the next page—a special outfit designed for household use. Lacquer your furniture and it's ready for use in an hour with a finish that is weather and water-proof and will wear indefinitely. Complete directions with every can of Lacquer.



See Our Paint
COLOR CHART
in This Book

Easily
Applied
by
Anyone



No. 500—Old Ivory	No. 507—Mandarin Red
No. 501—French Gray	No. 508—Bright Red
No. 502—Mist Blue	No. 509—Golden Brown
No. 503—Shantung Blue	No. 510—India Buff
No. 504—Rich Blue	No. 511—Lettuce Green
No. 505—Golden Yellow	No. 512—Apple Green
No. 506—Orange	No. 513—Jade Green
	No. 514—Dark Green

No. 9-A-1101. Harris Brushing Lacquer:	
1 gallon cans.....	\$7.00
1 quart cans.....	1.80
1 pint cans.....	1.00
½ pint cans.....	.60

No. 9-A-1102. Thinner for Harris Brushing Lacquer:	
Pint cans, each.....	\$0.60
Quart cans, each.....	1.00
Gallon cans, each.....	3.50

Harris GARAGE and BARN PAINT

\$1.50

Per
Gallon



Paint is Protection. Protect your Garage and Barn and other Buildings from the constant exposure to the elements with Harris Garage and Barn Paint. Inspect your buildings now and select the paints you need. Unnecessary delays are costly. Harris Garage and Barn Paint is scientifically made of the best ingredients that protect as well as preserve. The average covering capacity per gallon is 250 square feet, two coats.

See Our PAINT COLOR CHART in this Book
6 Permanent Colors

REGULAR COLORS

No. 816—Yellow
No. 810—Red
No. 813—Maroon
Order No. 9-A-702.
1 gal. can,
each.....\$1.50
5 gal. Kits,
per gal..... 1.48
25 gal. (½ bbl.),
per gal..... 1.45

*The colors indicated as "special colors" require more expensive color ingredients than the regular colors, and consequently we are forced to advance these prices slightly.

SPECIAL COLORS

No. 814—*Lead
No. 815—*Slate
No. 812—*Green
Order No. 9-A-703.
1 gal. Can,
per gal.....\$1.75
5 gal. Kits,
per gal..... 1.73
25 gal. (½ bbl.),
per gal..... 1.70

\$8.00

Buy a 5 Gallon Kit of above Paint and a High Grade 4-inch, Regular \$1.75 Brush (set in rubber). 9-A-704. 5 Gal. Kit of paint and brush \$8.00.
If you desire any of the special colors, add \$1.25.

FLAT WALL Washable Paint

A Smooth
Velvety Finish
for Interior
Decorating

70c

Per Quart



Harris FLAT WALL Paint gives a beautiful, dull texture to your walls and is appropriate for use in dining room, living room, bedroom, kitchen and halls. This paint is sanitary and will not rub off, spot or fade and is renewed by washing with soap and water. FLAT WALL paint is easy to apply and will not run or lap. Average covering capacity per gallon is 200 square feet, two coats.

See Our PAINT COLOR CHART in this Book

13 Attractive Colors

No. 89—WHITE

No. 90—Gray	No. 92—Deep Cream
No. 82—Buff	No. 84—Pale Blue
No. 83—Pink	No. 85—Light Green
No. 91—Tan	No. 86—Green
No. 80—Cream	No. 87—Red
No. 81—Canary	No. 88—Leather Brown

9-A-905

5 gallon cans.	Per gal.....	\$2.15
1 gallon cans.	Per gal.....	2.20
1 quart cans.	Per can.....	.70

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Liquid Fibre ROOF CEMENT



60c

Per Gallon

A new method of preserving the life of metal, paper and composition roofing. A liquid compound that will quickly and permanently seal all leaks, cracks and holes in any kind of a roof, making a perfectly water tight covering. This covering will add years of service to your roof. It seals all small holes, caused by rust and deterioration. Absolutely water proof and sun proof. It is a heavy rubber-like combination of durable oils, reinforced with asbestos fibre. Apply in a heavy coat, using about one and one-half gallons to the hundred square feet.

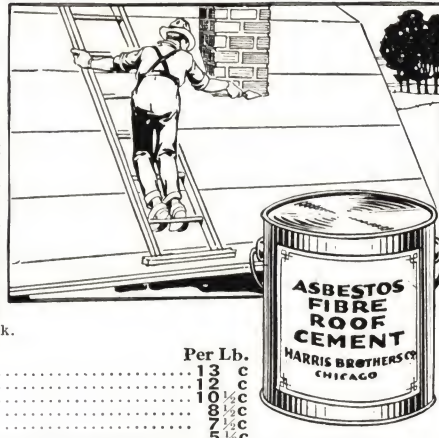
	Per Gal.
9-A-150. 1 gal. can—Shipping wt., 15 lbs.	90c
5 gal. can—Shipping wt., 75 lbs.	75c
25 gal. 1/2 bbl.—Shipping wt., 225 lbs.	65c
50 gal. bbl.—Shipping wt., 500 lbs.	60c

Asbestos Fibre ROOF CEMENT

5 1/2c

Per Pound

Makes a one piece, no seam roof. Guaranteed to stop roof leaks no matter how old the roof. One application of asbestos fibre roof cement will give years of additional service. It stops leaks in tin, wood, felt or paper roofs. Permanently seals leaks in basement walls, leaky gutters and spouting. Apply with a trowel, spreading cement about 1/8 inch thick.



	Per Lb.
9-A-151. 5 lb. can.	13 c
10 lb. can.	12 c
25 lb. pail.	11 c
100 lb. keg.	8 c
300 lb. half barrel.	7 c
550 lb. barrel.	5 1/2 c

**HARRIS
AUTOMOBILE ENAMEL**
Quick Drying!



\$1 35
Per Quart

See our Paint Color Chart in this book

Harris Auto Enamel is particularly made for refinishing automobiles. It is simple to use, and requires no expert knowledge to apply. Apply with a fine brush or our Harris Spray Brush shown on page 106. You can obtain a smooth surface. No brush marks will show. Complete directions with each can.

No. 1106—Yellow	
No. 1100—Deep Cream	
No. 1101—Battleship Gray	
No. 1103—Red	
No. 1108—Tan	
No. 1102—Dark Blue	
No. 1107—Medium Green	
No. 1104—Brewster Green	
No. 1105—Black	
9-A-585. 1 quart can.	\$1.35
1 pint can.	.72
1/2 pint can.	.43

Bargains in Good Brushes



**RUBBERSET
HOME BRUSH**

For varnishing, enameling, staining, or painting. A most durable brush. Selected Chinese bristles, solidly imbedded in hard vulcanized rubber.

9-A-1301. 2 inches wide.... 40c

**4-INCH WALL
BRUSH**

This brush is specially manufactured for us from pure black bristles, 3 3/4 inches long, vulcanized in rubber. A high grade brush that is guaranteed to give satisfactory service.

9-A-58. \$1.25

**SPECIAL WALL
BRUSH**

Made of all pure black Chinese bristles, 4 ins. long, 4 ins. wide, vulcanized in rubber. Suitable for painters or others who use a brush continuously. Packed in individual boxes.

9-A-1339 \$1.75

**Harris HIGH
GLOSS ENAMEL**



\$3 00
Per Gallon

See our Paint Color Chart in this book

For fine interior enamel work. These enamels are especially prepared to meet "easy to apply" requirements of the novice or housewife. Particularly adapted for walls and ceilings in bed rooms, bath rooms and kitchens.

No. 1167—Orange	
No. 1157—Rose Pink	
No. 1164—Vermillion	
No. 1162—Carmine	
No. 1156—Sea Green	
No. 1168—Pale Blue	
No. 1161—Silver Gray	
No. 1166—Bright Green	
No. 1165—Green	
9-A-921. 1 gallon cans.	\$3.00
1 quart cans.	.80
1/2 pint can.	.25

Harris Spray Brush for Lacquering and Painting



\$8 50 Complete

A practical spray brush for all lacquer and paint jobs, with a steady even flow that penetrates to parts "hard to paint".

USES

For painting radiators, automobiles, furniture, spraying trees and shrubbery, applying light oils to automobile springs and chassis, spraying insecticides, etc.

Fast and easy to operate. Pump stores up a pound of air with each stroke and does not fatigue operator. Anyone without previous experience can produce excellent work with this new Harris Spray Brush. Sold completely equipped with Spray Gun and Hand-operated air compressor, including a No. 2 (bristle) brush for trimming and small work. The only breakable part is the glass jar which can be replaced by any mason fruit jar.

9-A-1300.—Harris Spray Brush. Complete with Spray Gun, Air Compressor, hose and No. 2 (bristle) brush.....\$8.50



A 2 inch re-touching brush, with bristles set in rubber, is included free.

High Grade Varnishes



**EXTRA COACH
VARNISH**

Suitable for the best interior work. Varnish of medium color and good body. The most durable varnish for this grade of work. Can be rubbed or left in the gloss. Dries dust free in three to four hours.

9-A-1007. 1 pint cans.	\$.45
1 quart cans.	.75
1 gallon cans.	2.25
5 gallon cans.	10.00



**WEARING FLOOR
VARNISH**

The highest grade floor varnish. Suitable for use on natural wood or painted floors. An elastic varnish that will not scratch, turn white or show heel marks. A most economical and durable floor varnish.

9-A-1013. 1 pint cans.	\$.50
1 quart cans.	.80
1 gallon cans.	2.50
5 gallon cans.	11.00

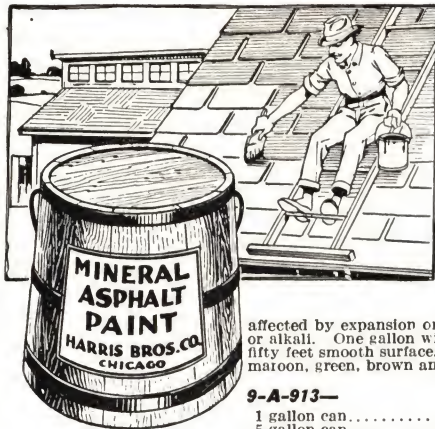


**FURNITURE
VARNISH**

A good varnish at an unusually low price. Has a fine gloss and will rub nicely. Light in color and dries dust free in eight hours. Get the benefit of these big sale savings.

9-A-1001. 1 pint cans.	\$.45
1 quart cans.	.70
1 gallon cans.	2.25
5 gallon cans.	10.00

Harris Mineral ASPHALT PAINT



80c
Black
Per Gallon

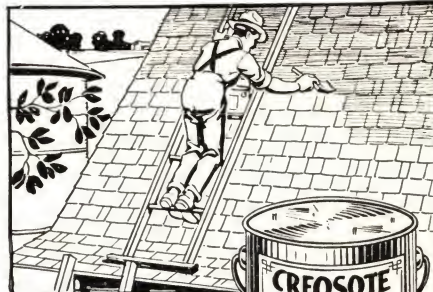
An ideal roofing coating for wood, metal or composition roofs. Tough and elastic. The colors produce a beautiful effect, harmonizing with the colors used in your house paint. Made of the best grade Trinidad asphalt especially treated and combined with pure boiled linseed oil. When dry it forms a tough, elastic surface. Is not affected by expansion or contraction, acids, gases or alkali. One gallon will cover two hundred and fifty feet smooth surface. Supplied in four colors: maroon, green, brown and black.

9-A-913—	Black	Per Gallon	Colors
1 gallon can.....	\$0.90	\$1.28	
5 gallon can.....	.88	1.25	
25 gallon half barrels.....	.85	1.20	
50 gallon barrels.....	.80	1.12	

Harris Creosote SHINGLE STAIN

\$1³⁵
Per Gallon

The best wood preservative known. Harris Creosote Shingle Stain is scientifically prepared. The colors are extremely durable and attractive and are guaranteed not to fade. Can be applied with a brush after shingles are laid, or shingles can be dipped before laying. When applied with a brush one gallon will cover about 150 square feet of surface one coat. For dipping it requires 2½ to 3 gallons per thousand shingles.



See our Paint Color Chart in this book

No. 64—Venetian Red.	No. 66—Brown
No. 69—Silver Gray	No. 65—Moss Green
No. 62—Weathered Oak	No. 68—Light Green
9-A-901. 1 gallon cans, per gallon.....	\$1.45
9-A-902. 5 gallon cans, per gallon.....	1.42
9-A-903. 25 gallon half barrels, per gallon.....	1.38
9-A-904. 50 gallon half barrels, per gallon.....	1.35

White Lead



Our white lead is non-poisonous, is carefully ground and scientifically mixed. Ground in pure oil. Our Strictly Pure lead is recommended and will give extra good service. Our "Premier" lead is of guaranteed quality.

9-A-1106.

"Premier" White Lead

100 lb. kits, per lb.....	11c
50 lb. kits, per lb.....	11¼c
25 lb. kits, per lb.....	11½c
12½ lb. kits, per lb.....	12c

9-A-1107.

Strictly Pure

100 lb. kits, per lb.....	16c
50 lb. kits, per lb.....	16½c
25 lb. kits, per lb.....	17c
12½ lb. kits, per lb.....	18c

Lubricating Oils and Greases



9-A-601. High grade Tractor Engine Oil, tested and approved by leading Tractor manufacturers and highly recommended as a splendid lubricant.

Per gallon.....	\$1.00
5 gallon cans, per gallon.....	.95
25 gallon barrels, per gallon.....	.85
50 gallon barrels, per gallon.....	.75

Separator Oil Recommended for Cream Separators.

A light colored oil, recommended for hand and power machines.

9-A-10819—	Per Gal.
1 gal. can.....	\$1.25
5 gal. cans.....	1.20
25 gal. half bbls.....	1.10
50 gals. bbls.....	1.00

Red Engine Oil

Highest grade lubricating oil. 500 fire test. 200 viscosity test.

9-A-10815—	Per Gal.
1 gal. can.....	.85c
5 gal. cans.....	.80c
25 gal. bbls.....	.65c
50 gal. bbls.....	.60c

Cup Grease

High grade transmission grease. Will not gum or harden. Prevents rust and reduces friction. A superior lubrication for general transmission.

9-A-10843—	
5 lb. pails.....	\$0.90
10 lb. pails.....	1.70



Axle Grease

Highest quality refined grease. Lessens friction and lightens draft. Guaranteed to give satisfaction.

9-A-10847—	
10 lb. pail.....	\$1.05
15 lb. pail.....	1.40
25 lb. pail.....	2.15

Wall Paper Cleaner



For calcimine, wall paper, window shades and all interior decoration. Absorbs all smoke, dust and dirt. Will not stain or fade.

9-A-10855. Price per can..... 9c

Paint Cleaner



1-lb. Package 9c

An ideal preparation for washing paint, walls, woodwork or any surfaces that can not be cleaned with soap and water. Guaranteed not to damage the furniture or woodwork. Put up in 1 lb. packages.

9-A-10854. Price, each.... 9c

Priced for Real Economy



INTERIOR SPAR VARNISH

Adapted for interior finishes for highest grade work. Light in color. Made from pure hard gum. Can be left in the gloss or rubbed. Dries hard for rubbing in 48 hours.

9-A-1017—	
1 pint can.....	\$ 0.60
1 quart can.....	.90
1 gallon can.....	3.00
5 gallon can.....	14.00



OUTSIDE SPAR VARNISH

Recommended for finishing woodwork in bath rooms or any woodwork that may have hard usage or come in contact with water.

9-A-1019—	
1 pint can.....	\$ 0.65
1 quart can.....	1.00
1 gallon can.....	3.25
5 gallon can.....	15.00



LINOLEUM VARNISH

Applied over linoleum it gives a hard, smooth, elastic finish that will bend with the linoleum. Will not crack. Not affected by hot or cold water. Dries to walk on over night.

9-A-933—	
1 pint can.....	\$ 0.50
1 quart can.....	.80
1 gallon can.....	2.50
5 gallon can.....	11.00

Harris Flat Finish OIL STAIN

A Perfect Imitation of Natural Wood. Used for staining interior woodwork and other work not finished. Dries with a flat finish. One or two coats of varnish will produce a fine glossy surface. It is easily applied with a varnish brush. Made in the following shades:

Cherry
Dark Oak
Mahogany
Light Oak
Rosewood
Walnut
Antique Oak

Prices on above shades:	
9-A-1731. Per half pint can.....	20c
Per 1 pint can.....	\$0.30
Per 1 quart can.....	.52
Per ½ gal. can.....	.95
Per gal. can.....	1.75

Harris High Lustre VARNISH STAIN

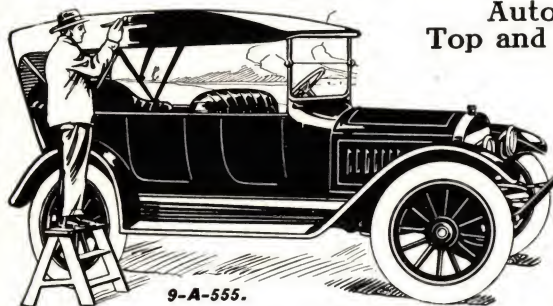
Recommended for use over a surface already varnished or painted such as old furniture, varnished or painted woodwork. Harris High Lustre Varnish Stain dries hard with a high lustre and is easily applied with a varnish brush.

No. 101—Light Oak
No. 102—Rosewood
No. 103—Mahogany
No. 104—Walnut
No. 105—Cherry
No. 106—Antique Oak

See our Paint Color Chart in this book

9-A-171. Per half pint can.....	20c
Per 1 pint can.....	\$0.30
Per 1 quart can.....	.52
Per ½ gal. can.....	.96
Per gal. can.....	1.75

Ladders and Paint Accessories!



9-A-555.

Auto Enamel Top and Seat Dressing

Harris Auto Enamel and Auto Top and Seat Dressing have been prepared to renew the appearance of your car. They can be quickly and easily applied, requiring no expert knowledge. With a little of your time and the use of these excellent varnishes, you can make your automobile look like new.

Top and Seat Dressing especially prepared for leather, rubber or mohair tops, and seats and curtains. Fills cracks, covers stains, restores original finish and preserves the life of the fabric.

1 pint cans (sufficient for Ford car).....\$0.60
1/2 pint cans......30
1 gallon cans.....\$3.00
1 quart cans (sufficient for touring car)......80

Colors in Oil



9-A-817. The strongest, most durable unfading colors obtainable. For use in tinting or may be used as it is furnished with the addition of proper thinners. Put up in 1 and 5 lb. cans.
Colors: 1 lb. cans
Drop Black.....\$0.30
Ivory Black......30
Coach Black......30
Lamp Black......30
Prussian Blue......30
Ultramarine Blue......30
Cobalt Blue......30
Raw Umber......30
Burnt Umber......30

Raw Sienna......30
Burnt Sienna......30
Vandyke Brown......30
Chrome Green......30
Blind Green......30
Scarlet Vermillion......30
Tuscan Red......30
English Venetian Red......30
Chrome Yellow (Light)......30
Chrome Yellow (Medium)......30
Chrome Yellow (Orange)......30
Yellow Ochre......30
English Rose Pink......30
English Rose Lake......30
Light Oak Graining......30
Dark Oak Graining......30
Antique Oak Graining......30
Walnut Graining......30
Cherry Graining......30
Mahogany Graining......30

Wood Filler



9-A-1049.

For filling or first coating any kind of close grained wood. Thoroughly seals up wood pores, and prevents absorption of moisture. This wood filler is transparent, does not need to be rubbed. Recommended for wood work where one or two coats of varnish are to be applied.

1 qt. cans each.....\$0.60
1 gal. cans, per gal.....1.80

Pure Putty

Specially adapted for Painters' and Furniture Manufacturers' use. Guaranteed strictly pure. Will not crumble or crack.

9-A-1107.

Price, 20 lb. cans.....\$1.00
Price, 10 lb. cans......55
Price, 4 lb. cans......42
Price, 1 lb. can......12



STEEL WOOL



9-A-352. Size 3 Steel Wool used in place of No. 1 or 1 1/2 sand paper. This brand of steel wool enables the painter or decorator to turn out a smooth, glossy piece of work.

Price
Per 1 lb. package.....40c

9-A-353. Steel Wool for household use. The most efficient and economical time saver of all household cleansers. Packed in convenient cartons containing 2 oz. No. 0—Very fine, recommended for aluminum ware. Price per package.....9c

No. 3. Recommended for pots and pans and floors. Price, per package.....9c

Flake Glue



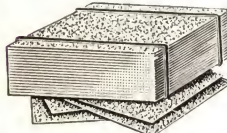
9-A-231. First Grade Flake Glue. Can be used on both soft and hard woods or for making printers' rollers, emery wheels, white mouldings or any other purpose where great strength and flexibility are required.

Price, per pound.....30c
Price, 100-pound drums, per pound.....28c
Price, 200-pound drums, per pound.....26c

9-A-333. XX Flake Carpenters' Glue. Specially adapted for cabinet makers, carpenters, chipping glass and general repairing.
Price, per pound.....24c
Price, 100-pound drums, per pound.....22c
Price, 200-pound drums, per pound.....20c

9-A-335. XXX Kalsomine Glue. A thin cut pure sizing glue, used largely by kalsominers, also by cabinet makers for high-grade joining.
Price, per pound.....18c
Price, 100-pound drums, per pound.....16c

Sand Paper



9-A-349. Best quality sand paper. The sand is sharp flint and applied to paper by special process.

The No. 00 is the finest and No. 3 is the coarsest. Put up 24 sheets to the quire, one

number only. Assorted quires take the sheet price.
Numbers.....00 0 1 1 1/2 2 3
Price, 24 sheets.....30c 31c 32c 35c 40c 46c 58c
6 sheets for.....10c 10c 10c 10c 12c 13c 15c

XXX QUALITY EMERY CLOTH
9-A-351. Made on heavy twilled cloth back and covered with the best quality emery.

Numbers.....00 0 1 1 1/2 2 3
24 sheets.....\$1.40 \$1.62 \$1.65 \$1.67 \$1.80 \$2.00
3 sheets......45 .45 .45 .45 .50 .55

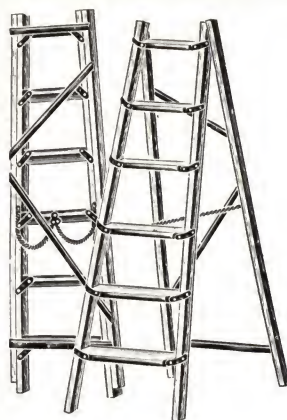


Farm or Long Ladders

9-A-1223. Sides are made of clear pine. Hickory rungs fastened in the same manner as our extension ladders. A strong, rigid ladder, suitable for all general purposes.

Length	Price
10 feet	\$2.40
12 feet	2.90
14 feet	3.35
16 feet	3.85
18 feet	4.60
20 feet	5.10

Trestles and Step Ladders



9-A-1229. Made of clear pine strongly constructed and well braced. Arranged so that plank may be put on either step. Steps are iron braced in front and back.

Height	Price
5 feet.....	\$3.00
6 feet.....	3.60
8 feet.....	4.80
10 feet.....	6.00

Superior Step Ladders

9-A-1241. Made of clear pine. Rods under every step. Steel leg spreaders. A strong, safe ladder, fitted with pail shelf, which can be readily folded up out of the way when not in use.

Height, 5 feet. Price, each. \$2.35
Height, 6 feet. Price, each. 2.85
Height, 8 feet. Price, each. 3.75

Automatic Self-Locking Ladder

These ladders are made from selected clear pine, fitted with pail shelf, hinges made of galvanized sheet steel, securely fastened to the flanges. This is a durable ladder, quoted at a low price.

9-A-1244. 4 feet, 20 pounds.....\$1.40
9-A-1245. 5 feet, 22 pounds.....1.75
9-A-1246. 6 feet, 26 pounds.....2.10
9-A-1247. 8 feet, 30 pounds.....2.75



Extension Ladders

Strongest and most durable extension ladders manufactured. Made of clear selected pine, and hickory rounds. The extension rollers are of an improved design, simplifying the lowering and elevating of the ladder.

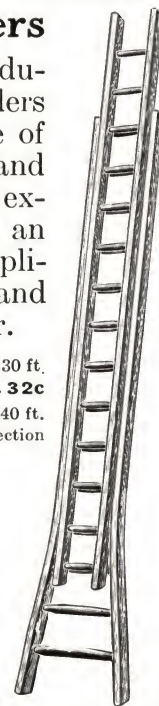
9-A-1250. Two sections from 20 to 30 ft. —per foot.....32c

9-A-1251. Two sections from 30 to 40 ft. —per ft. 35c. \$1.00 extra for 3 section ladder.

Rope Extension Ladders

9-A-1221. Top section raised and lowered by a rope and pulley attachment. Fitted with improved automatic locking hooks, furnished only in two sections.

Lengths, 20 to 30 feet. Per Ft. 42c
Price, 30 to 40 ft. Per Foot....45c



Home Painting and Finishing Needs!

Bath Tub Enamel



Produces a hard, smooth, highly polished and non-absorbent surface. Effectually resists the action of hot and cold water, soaps and other preparations used in baths. With one pint you can do over and give it that new effect. Same remarkable results on sinks and wood and iron work about the

house. No skill is required. Easily applied, will dry over night.

9-A-903. Half Pint..... **35c**
Pint..... **57c** Quart..... **\$1.00**

Painter's Time Saver



With this little tool you can paint as fast as you like and need have no fear of spoiling the decorations. Made of light metal, highly polished. No danger of spoiling the wall paper, window panes or door glass, etc. Also used when washing woodwork. Shipping weight, 8 oz.

9-A-13001. Price Each..... **20c**

Alcohol Shellac

Made from the finest grades of Guaranteed Pure Gum Shellacs in Denatured Alcohol. Used as first coat on furniture and interior work, except floors on which varnish is to be applied. Dries hard in about 2 to 4 hours. Will cover from 300 to 400 square feet, one coat. Pure Orange Shellac will give the wood an Oak color. White shellac is used where no color is desired. Also recommend it for coating knots and sappy spots before painting.



9-A-1039. Pure Orange Shellac.
Pt. Cans Qt. Cans 1/2 Gal. Cans 1 Gal. Cans
65c \$1.05 \$1.65 \$3.00
9-A-1041. Pure White Shellac.
Pt. Cans Qt. Cans 1/2 Gal. Cans 1 Gal. Cans
75c \$1.20 \$1.90 \$3.50

Stove Pipe Enamel



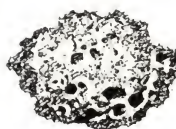
9-A-935. For stove pipes, stoves, furnaces, grates, smokestacks, iron fences; gives an enamel finish. We have reduced to a liquid state a mineral of volcanic deposit of intense blackness. Withstands heat and retains its brilliant, black luster. It will not peel or burn off; the surface to be painted is cold. A pint is sufficient for six lengths; black only.

Price, 1/2 pint..... **15c**
Pint, 22c Quart, 39c Half Gallon, 75c



Makes screens look like new. Does not clog the mesh. Dries hard and quickly. Green or black.

9-A-931
Gallons..... **\$1.50**
Quarts..... **.45**
1/2 pint..... **.20**

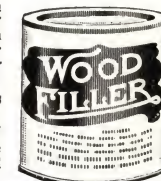


Large sponge, especially adapted for cleaning automobiles. A sponge that is guaranteed to give best service.

9-A-580..... **50c**

Paste Wood Filler

9-A-1051. Better than any other, as it completely fills the pores, making an impervious surface over which to varnish. Apply with a brush, and after allowing 20 to 30 minutes to set, wipe off smoothly with a rough piece of burlap, wiping across the grain. Ten pounds will fill about 450 square feet.



Made in three shades, natural, light oak and dark oak.
1 lb. can..... **25c** 5 lb. can..... **\$1.05**

Satin-Kote Kalsomine



Can be applied by anyone. Ready for use by mixing in hot water. Put up in 4-lb. packages, enough for ordinary sized room.

No. 100—White
No. 120—Cream
No. 53—Light Buff
No. 140—Yellow
No. 150—Pea Green
No. 52—Medium Green
No. 200—Light Blue
No. 49—Azure Blue
No. 125—Blue
No. 138—Salmon Pink
No. 136—Pink
No. 133—Buff

9-A-315. Price, per package..... **45c**

Linseed Oil and Turpentine

For the convenience of our customers who wish to purchase Linseed Oil and Turpentine with their paint, we will furnish STRICTLY PURE Boiled Linseed Oil and STRICTLY PURE TURPENTINE at the following prices:

Linseed Oil
1 gallon cans, per gal..... **\$1.10**
5 gallon cans, per gal..... **1.07**

Turpentine
1 gallon cans, per gal..... **90c**
5 gallon cans, per gal..... **87c**

Premier T. Japan



9-A-1025. Is a very reliable heavy bodied oil drier. Will mix with any paint formula without any bad results. Is transparent and has a tendency to add durability to paint instead of burning up the durable qualities of the oil.

Pint 40c Quart 50c 1/2 Gal. 85c 1 Gal. \$1.55 5 Gals. \$7.50



Harris Durable Floor Paint

Per Gallon **\$1.85**

Specially prepared and guaranteed to resist wear, washing with hot water and scrubbing, retains its bright, shiny surface. Paint dries overnight with a high gloss. Remains dust free and will be hard enough to walk on in twenty-four hours.

No. 1140—Gray No. 1141—Yellow
No. 1146—Lead No. 1143—Tan
No. 1147—Green No. 1145—Red

9-A-809. Harris Ready Mixed Floor Paint—
5 gallon cans, per gallon..... **\$1.85**
1 gallon cans, per gallon..... **1.95**
1 quart cans..... **.60**

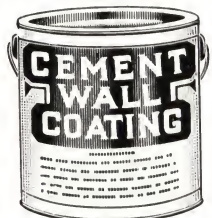


Harris Porch Paint

Per Gallon **\$3.35**

Harris Porch Floor Paint. Specially prepared for floor work of porches and stairways. Guaranteed to resist the effects of rain, sun or most severe weather. It is particularly made of highest grade ingredients, which give the greatest preserving and resisting qualities for outside wear. Dries overnight, and obtains a high luster. Made in the following colors: Gray, russet, yellow, lead, red, green, tan and maroon. When ordering specify color desired.

9-A-810. Harris Durable Porch Floor Paint—
5 gallon cans, per gallon..... **\$3.35**
1 gallon cans, per gallon..... **3.40**
1 quart cans..... **.90**



Cement Wall Coating

Strictly formulated after careful tests to meet the exact physical and chemical requirements of a masonry surface. Guaranteed the most efficient and damp-proofing treatment. It penetrates into the pores of the surface, and on hardening thoroughly seals them. Will not wash off. Stands the hardest usage. An ideal paint for hotels, hospitals, schools or wherever cement is used. Furnished in dark cement, moss green, tan, brown, copper color and slate.

9-A-1201. Cement Wall Coating—
50 gallon barrels, per gallon..... **\$2.35**
25 gallon half barrels, per gallon..... **2.43**
5 gallon kits, per gallon..... **2.47**
1 gallon cans, per gallon..... **2.50**
1 quart cans, each..... **.70**



Cement Floor Coating

On ordinary floors it is almost impossible to make them look clean, but with our Harris Cement Floor Coating they not only make an attractive appearance, but are durable and it is almost impossible for any dust to lie on the surface. The concrete absorbs moisture so rapidly that it is impractical to clean them by ordinary methods.

Harris Cement Floor Coating makes the surface waterproof and at the same time so binding the particles that the dust making feature is eliminated. We can furnish same in the following colors: Cement, Pearl Gray, Slate, Terra Cotta.

Lot No. 9-A-1211. One quart cans..... **\$0.68**
Lot No. 9-A-1215. One gallon cans..... **2.48**
Lot No. 9-A-1217. Five gallon kit, per gallon..... **2.45**

50 MILES

HARRIS "PATENTED"
Insulator Lined
of

GARAGES!

Stand Erected in America Today!



FOOD FOR THOUGHT!!

Fifty miles of Garages—just think of it! If all our Garages that are erected in America were placed side by side, allowing a clear space of 4 ft. on each side of every garage, it would make a stretch approximately fifty miles long.

THESE GARAGES

are the only

"Cellu-Seal" Insulator Lined Garages

Just think of it! Harris "Cellu-Seal" lined Garages at these low prices. Extensive improvements in machinery for production have lowered costs and now we give you without additional cost these already EXTRA VALUE Garages with an additional insulator lining that will make your Garage much warmer in severe cold weather than any single wall garage and, of course, likewise cooler in summer, to say nothing of the greatly enhanced beauty in its panelled interior appearance. "CELLU-SEAL" insulated walls are absolutely wind proof and add nearly a quarter of an inch in thickness to the wall.

"CELLU-SEAL" INSULATOR LINING is our own exclusive product—an insulating wallboard—consisting of two heavy layers of tough fibre paper (MULLEN test 175 pounds to the square inch) with an inner layer of corrugated paper sealed by our own special machinery—giving thousands upon thousands of wonderful insulated dead air cells with a consequent efficient insulation against cold in winter and heat in summer—ALL YOURS WITHOUT ADDITIONAL COST!

Read the specifications on the following pages—study the construction details and the reproduction of the photographic erection instructions which show clearly how easily these buildings can be assembled.

The following pages describe all types of Garages that will harmonize with any type of architecture. Our Garages are attractive—they are designed in proper proportion with sufficient ornamentation, but not too "frilly."

Many Reasons Why Harris Patented Garages Are in Use by Over 20,000 Persons in the City of Chicago Alone

Why You Should Own Your Own—50 to 500% on Your Investment

IF THE President of your Bank said, "Mr. Jones, you have been a good customer and I have decided to let you in on something good, guaranteed to net you 15 to 20% on your investment," would you invest? The chances are ninety-nine out of a hundred you would.

Our price on an average size first class Garage is about \$150.00. If your garage rent is as low as only \$6.25 per month, it is costing you \$75.00 per year. If you purchase a Harris Patented Garage you earn this \$75.00 the first year, therefore, make 50%. At the end of your second year your original investment is paid out and at the end of ten years your investment has earned 500%.

In addition thereto you avoid the nuisance of going to and from a public garage, damaged fenders, petty pilfering, and joy riding your machine is subject to when out of your hands—to say nothing of the decreased cost in the upkeep of your car because it will be handy to you so you can take better care of it yourself.

INVEST TODAY Enjoy the great comforts of owning your own garage in addition to getting these big returns on your investment.

LOWEST PRICES

The Reason: To build a garage of the same size and style as our HARRIS Patented Garage with as good material and as strong construction by the slow hand method would cost easily double the amount. Harris Patented Garages are machine and template made, all work is done on "forms" that permit no error in measurements, practically no waste in material, and top speed in production. Nearly 90% of the work is machine work—electrical driven saws—mortisers—borers—screw drivers—gang drills, and a multitude of other new and improved labor-saving methods.

The above, coupled with careful study and a multitude of experiments in the selection of proper materials, not only for strength, but for economy in manufacture, ease of erection by the customer and neatness in appearance, resulted in a happy and practical combination, which enabled us in many instances to buy material for nearly 25% to 50% less than material used to answer the same purpose under the old hand method of construction.

TERMS

Prices shown are cash prices. Call or write us for time payment prices.

PERMANENT CONSTRUCTION

The Reason: "That seems unnecessarily heavy," is the remark often heard. Careful study has, however, been given the required part for each and every unit, its strength, its lasting qualities, its practicability and appearance when finished. See detailed specifications on materials and construction in following pages.

EASIEST TO ERECT

The Reason: Over 20,000 Harris Patented Garages stand erected in the City of Chicago alone. A garage may seem ever so cheap, if you spend what you saved in purchase price, in the cost of erecting same, you have not gained anything.

In designing Harris Patented Garages, better material and heavier construction than actually necessary has been specified in many instances, so as to make it easier for the purchaser to erect. You can hardly go wrong unless you are wilfully careless. It is practically impossible to proceed in a wrong manner, because of the "fool-proof" method in which the assembling has been worked out to the last detail.

You, yourself, and one or two helpers, can erect an average size garage in five or six hours, figuring, of course, everything above the foundation. It has been done, hundreds of times. Complete, simple and easily understood plans are furnished with every order.

ATTRACTIVENESS

The Reason: Harris Patented Garages are manufactured to harmonize with various types of architecture. Attractive because designed in proper proportions, with sufficient ornamentation so as not to be "frilly" and yet far above the common-place class in spite of our lower prices.

Harris Patented Construction means invisible joints on the outside walls with no indication whatever of the building being sectional, all of which does not cost you any extra because it has all been taken care of in the designing.

A well constructed, good looking garage is a valuable asset and adds much to the appearance of your property.

IS THERE ONE GOOD REASON WHY YOU SHOULD NOT ORDER YOUR HARRIS PATENTED GARAGE TODAY?



A PHOTOGRAPHIC VIEW OF ONE OF OUR MANY SHOW YARDS IN CHICAGO AND SURROUNDING SUBURBS

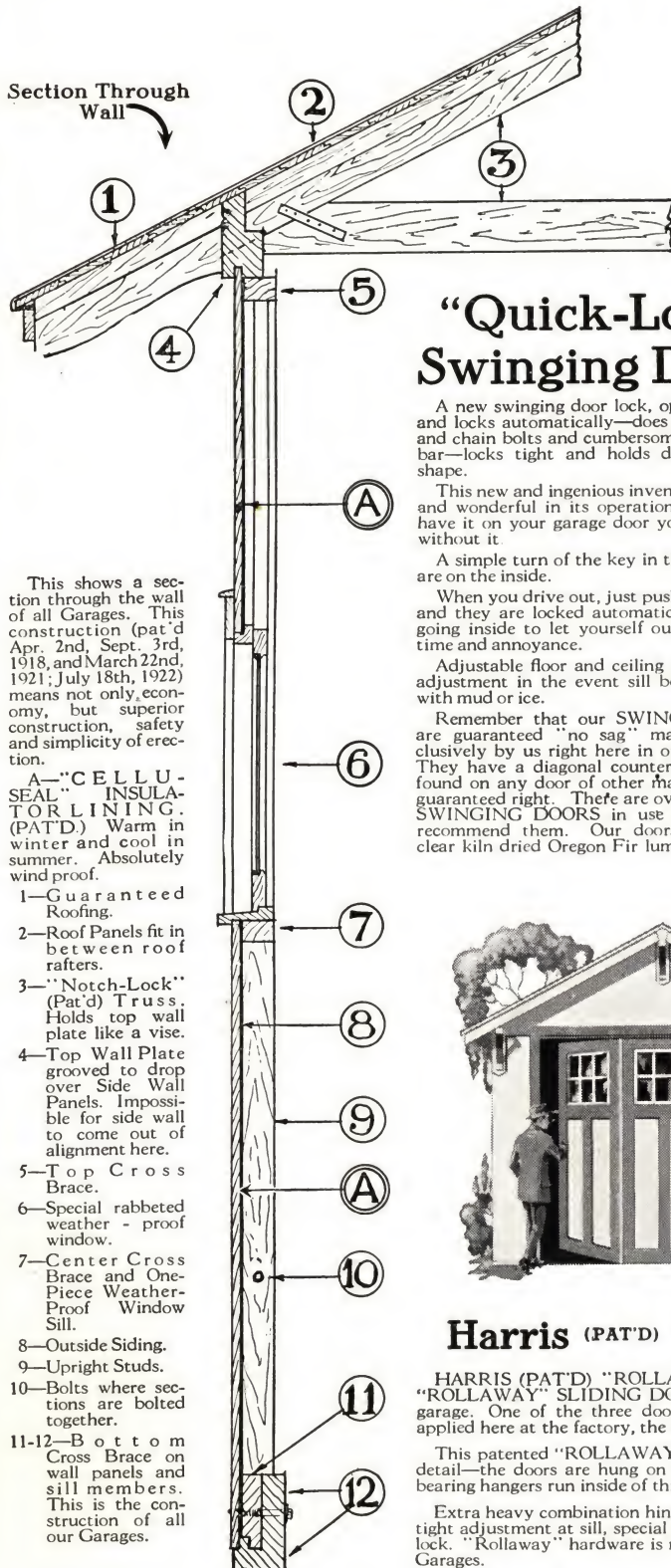
See First Pages for the Address of a Showyard and Branch Store Near Your Home

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Details of Harris Patented Garage Something New

Your Choice of
"Quick-Lock." Swinging
Doors
or Harris (PAT'D) "Rollaway"
Sliding Doors

Section Through
Wall



This shows a section through the wall of all Garages. This construction (pat'd Apr. 2nd, Sept. 3rd, 1918, and March 22nd, 1921; July 18th, 1922) means not only economy, but superior construction, safety and simplicity of erection.

A—"CELLU-SEAL" INSULATOR LINING. (PAT'D) Warm in winter and cool in summer. Absolutely wind proof.

- 1—Guaranteed Roofing.
- 2—Roof Panels fit in between roof rafters.
- 3—"Notch-Lock" (Pat'd) Truss. Holds top wall plate like a vise.
- 4—Top Wall Plate grooved to drop over Side Wall Panels. Impossible for side wall to come out of alignment here.
- 5—Top Cross Brace.
- 6—Special rabbeted weather - proof window.
- 7—Center Cross Brace and One-Piece Weather-Proof Window Sill.
- 8—Outside Siding.
- 9—Upright Studs.
- 10—Bolts where sections are bolted together.
- 11-12—Bottom Cross Brace on wall panels and sill members. This is the construction of all our Garages.

"Quick-Lock" Swinging Doors

A new swinging door lock, opens with a key and locks automatically—does away with foot and chain bolts and cumbersome inside locking bar—locks tight and holds doors in perfect shape.

This new and ingenious invention is so simple and wonderful in its operation that once you have it on your garage door you will never be without it.

A simple turn of the key in the lock and you are on the inside.

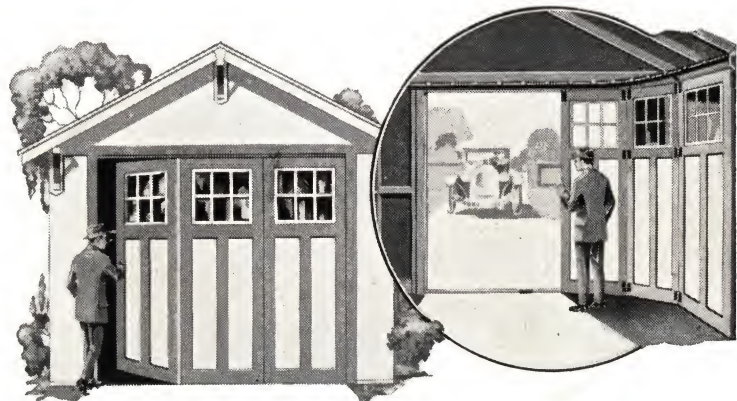
When you drive out, just push the doors shut and they are locked automatically. No more going inside to let yourself out. Saves much time and annoyance.

Adjustable floor and ceiling plates allow for adjustment in the event sill becomes jammed with mud or ice.

Remember that our SWINGING DOORS are guaranteed "no sag" manufactured exclusively by us right here in our own factory. They have a diagonal countersunk brace not found on any door of other makes. They are guaranteed right. There are over 30,000 of our SWINGING DOORS in use and we highly recommend them. Our doors are made of clear kiln dried Oregon Fir lumber.



"Quick-Lock" Swinging Doors are standard equipment and will be furnished on all Garages unless you specify the "Rollaway" Sliding Doors.



Harris (PAT'D) "Rollaway" Sliding Doors

HARRIS (PAT'D) "ROLLAWAY" DOORS are the result of many years of careful study in "ROLLAWAY" SLIDING DOORS. These doors slide around the corner on the inside of the garage. One of the three doors can be used as a service door. Ninety per cent hardware is applied here at the factory, the balance anyone can apply should he decide to do his own erection.

This patented "ROLLAWAY" Sliding Door hardware is brand new, and is complete to the last detail—the doors are hung on roller bearing wheels with special cup track and curves. Roller bearing hangers run inside of this cupped track and cannot jump out.

Extra heavy combination hinges and hangers, special floor guide with wedge permitting weather tight adjustment at sill, special anti-friction roller, special cylinder two-key combination latch and lock. "Rollaway" hardware is not sold except on our Harris Patented "Cellu-Seal" Insulator lined Garages.

The left hand door, looking at the inside of the Garage (see picture above) when closed fits in a pocket making the best weather tight equipment of its kind on the market. All is easily adjusted for height, and when properly adjusted, doors can be rolled to open or close with one finger.

SPECIFICATIONS OF MATERIAL AND CONSTRUCTION

COVERING THE MANUFACTURE OF

HARRIS PATENTED UNIT MADE GARAGES

PERMANENT CONSTRUCTION "CELLU-SEAL" Insulator Lined

WE CANNOT urge you too strongly to read every word of the following specifications. It gives you a clear and complete insight into the many exceptional qualities both in material and method of construction used in the manufacture of our Patented Buildings. It is a pleasure to be able to print such excellent specifications; there is nothing to hide and many good things to show and that is why we do not hesitate to give you full information on the subject.

SPECIFICATIONS

FOUNDATION SILLS of our Garages are equivalent to practically a 4x8 timber when the wall sections are in place. They are made of strong, straight, selected No. 1 grade Southern Pine. They form a lock joint, holding the wall sections permanently in place, making it easy for one man to put the sections in place himself.

CORNER POSTS: Corner posts are interchangeable like the sections and when in place give a corner timber construction practically equivalent to a 4x5 timber. Our system eliminates special corner sections.

OUTSIDE WALLS: The outside walls consist of "sections" or panels made up in one, two and four foot widths. All wall sections are interchangeable. These "sections" or panels are made up as follows:

SIDING: Clear kiln-dried Oregon Fir Siding, tongued and grooved, beaded on the outside, and beaded or planed smoothly on the inside, applied vertically. Manufactured from three-quarter-inch stock finished five-eighths inch.

"CELLU-SEAL" LINING: Our exclusive product. "Cellu-Seal" is an insulating wallboard, consisting of two heavy layers of tough fibre paper (Mullen test 175 pounds to the square inch) with an inner layer of corrugated paper, and sealed by our own special machinery, giving thousands upon thousands of wonderful insulating dead air cells with a consequent efficient insulation against cold in winter and heat in summer. With this new type of lining a Harris Patented Garage will be warmer in severe cold weather than any single wall garage, and, of course, cooler in summer, to say nothing of the enhanced beauty in its paneled appearance. "CELLU-SEAL" Insulated Walls are absolutely wind-proof and nearly a quarter of an inch thicker than on garages prior to 1925.

STUDDING: The studding is No. 1 and better grade Southern Pine, surfaced four sides, average distance apart sixteen inches. They are used in pairs every four feet where bolted together, with an additional stud in between, making three studs to forty-eight inches of wall. The studding is two by three. Two by four is not necessary in our construction on account of the three interlocking cross braces, all of which are halved at joints, give more than the necessary strength and hold the sections square and true.

CROSS BRACES: There are three horizontal or cross braces of two by three inches and one 2x6 at the bottom of the section, which are secured to the studs by halved joints, nailed with cement-coated nails. The inside of the panels show a neat symmetrical distribution of framing.

TOP WALL PLATES: Fir and Yellow Pine built up equivalent to practically a four by six timber. This plate has a groove in it that drops right down over the siding on the wall sections and holds it in a vise-like grip, keeping the walls in alignment.

ROOF TRUSSES: Manufactured of No. 1 and better grade Yellow Pine, two by fours with one by six scientific braces, reinforced with iron straps and made so as to form a notch-lock that drops into the top wall plate and holds the entire building in a firm grip. These patented trusses not only make a roof much superior to any other on the market, but make it a simple matter for any amateur to erect and make a good job of it.

ROOF SECTIONS: Are manufactured of No. 1 quality Southern Pine Ship Lap. Beaded on the under side to give a neat and finished appearance. Roof sections are made so they will easily drop in place between the trusses, and have additional rafters on them to add still more strength.

FRONT DOORS: "No-Sag" "QUICK-LOCK" front doors are furnished with every garage. These doors are our own exclusive design and manufactured only by us. Guaranteed not to sag.

ROLLAWAY SLIDING DOOR: Brand new! Our own patented hardware. Best on market. They roll away—around on the inside—just out.

SIDE DOORS: Side door, when furnished, comes to you already in the section with hardware all on and you can place this section wherever it is most convenient to your individual requirements. The side door is either plain or glazed, depending upon the model of the garage you purchase.

Not furnished on "Paloma" or "Granada" garages.

WINDOWS: The new type windows furnished on Models "A," "C," "Paloma" and "Granada" are "SWING out" casement sash divided into five lights equipped with combination adjuster and lock. Opening size 28" x 25".

On Models "B," "D" and "G" we use our regular House windows, the size of which is 28"x46" overall. There are two sash to the windows, one above and one below, the one above being divided into six lights making it very attractive. Windows are equipped with special tension and anti-rattle springs, to permit raising and lowering window to any position. Sash lock and lift attached.

PAINT: Garages come to you painted, one good heavy coat of outside paint, stock color medium gray for the body, white trim and sash. Our stock color is such that it will take almost any finishing coat.

ROOFING: Roofing supplied is best quality Red or Green Slate surfaced Roofing. Guaranteed first quality standard weight and manufacture Roofing. Sufficient nails, cement and complete instructions are included with each roll, showing the proper way to apply the roofing. Individual, extra-in-one Slab Shingles or roofing stamped like shingles can be had at an extra cost. Prices upon application.

"Paloma" and "Granada" models furnished with black asphalt roll roofing only.

HEIGHT: The height of wall to plate on all Garages is 8'.

Height overall on all models is as follows:

On Garages 9'-6" wide—height to highest point of roof, 10'- 7½".
On Garages 10'-6" wide—height to highest point of roof, 10'-10".
On Garages 12'-6" wide—height to highest point of roof, 11'- 3½".
On Garages 16'-6" wide—height to highest point of roof, 12'- 2½".
On Garages 18'-6" wide—height to highest point of roof, 12'- 9".
On Garages 20'-6" wide—height to highest point of roof, 13'- 3".

EAVES OVERHANG: In figuring the amount of space overall required for a Garage, including the overhang eaves, add 3 ft. to the width of the Garage, also 3 ft. to the length. For example, a 10'6"x16'6" Garage—the space needed will, approximately, be 13'6"x19'6".

HARDWARE: The hardware we furnish, consists of the following:

CYLINDER LOCK: Genuine 3-Key cylinder latch furnished for garages equipped with service door.

HINGES: Special fancy japanned 10" strap by 2½"x7" butt, extra heavy T hinges with No. 14 japanned screws. Hinges are already applied to doors.

DOOR HOLDERS: The greatest convenience of the age. They hold the large doors in place, when open.

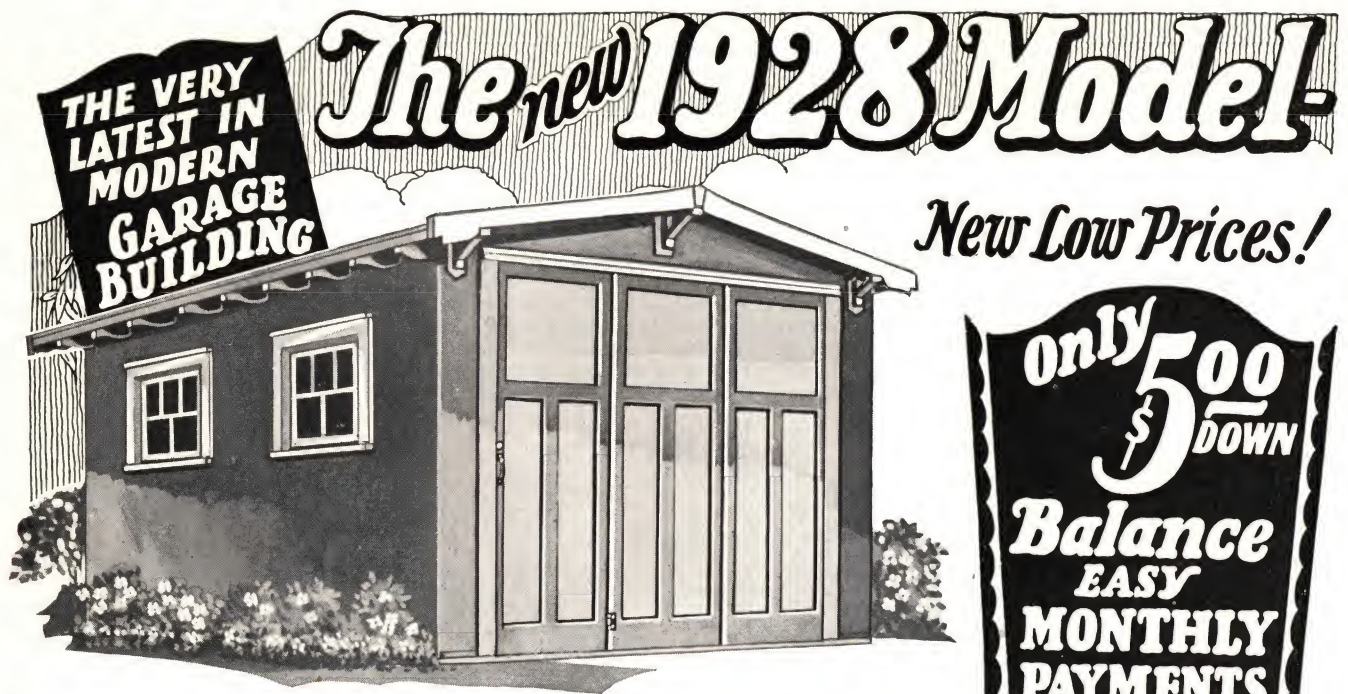
DOOR HANDLES: For each pair of auto doors and service door.

DIRECTIONS: Directions are furnished with every Garage. They are hardly necessary. The construction is so clear that the method of bolting the garage practically suggests itself. See reproduction of direction plans in this catalog.

FOUNDATION: See page 87 of catalog for further details. Foundation must be level and square. This is imperative. Garage can be set directly on the earth, or cinders, or posts, or piers, of brick, stone or concrete, or concrete foundation walls, and when placing same bear in mind that the outside measurements of our foundation sills are the same as the size given for the Garage, for instance, if you buy a 12'-6" x 16'-6" Garage and build a concrete foundation, see that the outside of same is exactly 12'-6" x 16'-6" and the sills of our building will then fit down upon it perfectly. The same holds good for piers or posts unless you want to have them extend out beyond the sills of the building.

SKIRTING: No skirting charged for or furnished.

PATENTS: Various new and improved features of our buildings are patented—April 2nd, 1918, Sept. 3rd, 1918, March 22nd, 1921, July 18th, 1922, other patents pending. The right is reserved to make changes in construction and material as improvements may necessitate.



New Low Prices!

only \$500 DOWN
Balance EASY MONTHLY PAYMENTS

ONE CAR ONLY \$146

The
"PALOMA"
 ONE-CAR
 Size, 10' 6" x 16' 6"

At last—the finest, lowest priced garage we have ever produced—a masterpiece in modern garage building.

All the features that have made these buildings world famous embodied in this new garage—and many new exclusive features too numerous to describe here—you must see this garage to appreciate it. The new "Paloma" one-car garage, size 10' 6" x 16' 6" is large enough for the average car. It has two new type swing-out sash and Our nationally famous easy "Roll-Away" Doors, equipped with patented curved cup track and roller Bearing hardware, and all other superior features of Harris Patented Garages.

The price is so low for a quality building like this that you cannot afford to leave your car outside, exposed to the elements.

A feature of our patented construction permits you to erect the building yourself if you prefer and save the \$20.00 charge for erection which we make. Easily understood plans are furnished so you can't go wrong.



INSULATOR LINED

MOST LIBERAL TERM PLAN

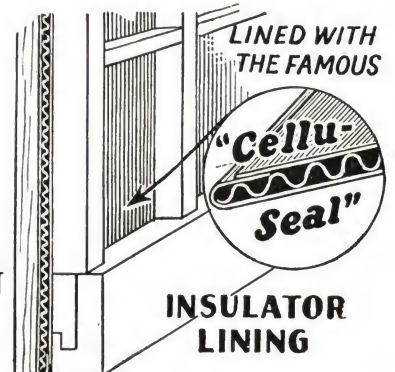
If you reside within our truck delivery zone, a down payment of \$5.00 brings you the "Paloma" one-car Garage. Pay the balance in monthly installments—less than Garage rent. For terms on freight shipments see page 111.



STRONGEST CONSTRUCTION

BEST QUALITY ASPHALT ROOFING

Roof construction rigidly tested—strong 2x8 and 2x10 timber support the roof with good grade beaded shiplay boards and heaviest grade of asphalt roofing with joint cement.

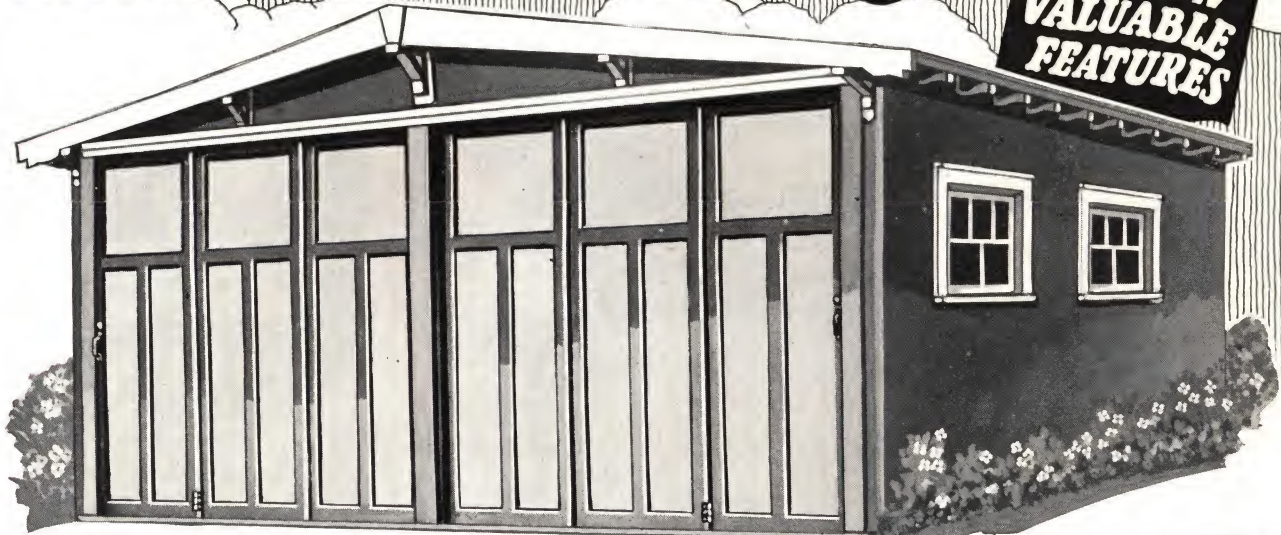


WARMER IN WINTER — COOLER IN SUMMER!

Our exclusive product—an insulating wallboard, consisting of two heavy layers of tough fibre paper with an inner layer of corrugated paper—giving thousands of insulated dead air cells—YOURS WITHOUT EXTRA COST.

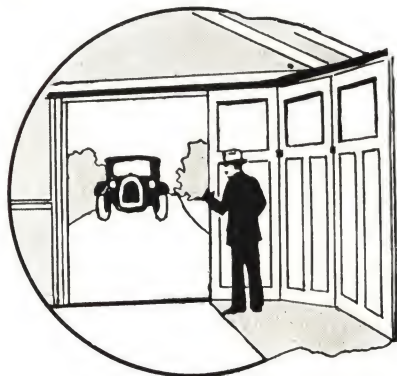
Harris Patented Garage

**NEW LOW
PRICES
AND NEW
VALUABLE
FEATURES**



**INSULATOR
LINED**

**Now Equipped With
ROLL-AWAY DOORS**



Harris "Paloma" one car and "Granada" two car garages are equipped with famous "Roll-Away" garage doors with no extra charge now. These splendid doors roll out of the way, on the inside, around the corner, preventing damage to your automobile and garage so often caused by wind blown swinging doors. And you don't have to shovel your way in or out with "Roll-Away" Doors after heavy snows. The ideal garage doors — when closed they fit snug and tight, still they are perfectly fitted and properly balanced to roll open with a slight push.

The "GRANADA"

**TWO-CAR
Size, 16' 6" x 18' 6"**

**TWO CAR
ONLY \$208**

The new "Granada" model 2-car garage offers even greater value than the one-car "Paloma."

Just think—with a small payment of \$5.00 this garage will immediately bring you an income much more than you get from any of your other investments, to say nothing of the advantage of owning your own garage.

The new "Granada" model illustrated above is sufficiently large for two cars of any make with room in between. The size is 16'6"x18'6". It is furnished with three new type swing-out casement sash, and two sets of our nationally famous easy "ROLL-AWAY" doors, equipped with patented curved cup track and roller bearing hardware.

The Cellu-Seal insulator lining makes it a good winter garage, in fact hundreds of people say Harris Garages are warm enough to live in.

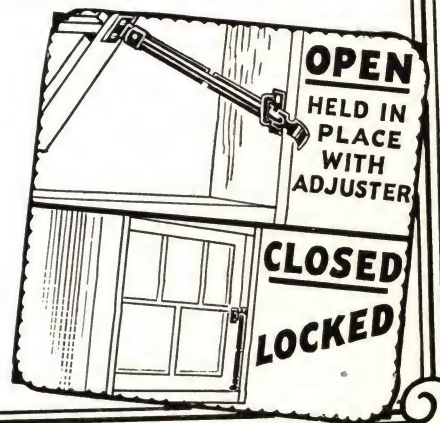
Delivered to your lot and if you wish you can erect it yourself and save the \$30.00 extra charge we make.

MOST LIBERAL TERM PLAN

If you reside within our truck delivery zone a down payment of \$5.00 brings you The "Granada" Two-Car Garage. Pay the balance in monthly installments—less than garage rent. For terms on freight shipments see page 111.

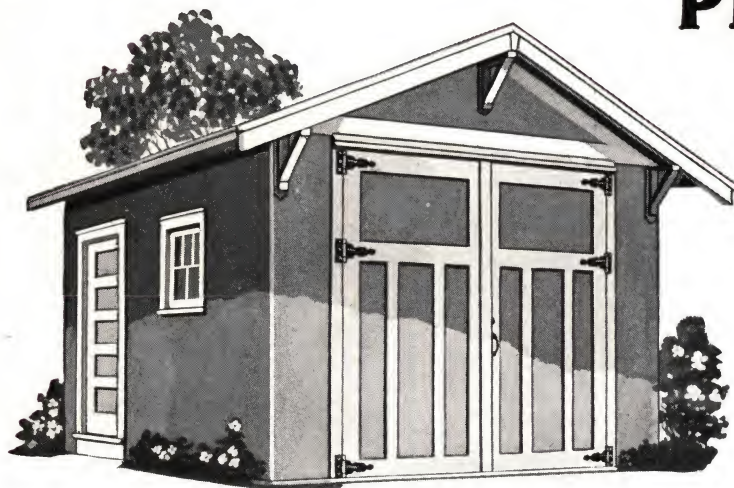
Newest Type SWING-OUT SASH With Adjustable Lock and Holder

A great improvement over the old time window—opens out giving more space and better ventilation. Up high enough to put a work bench underneath.



HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

HARRIS *patented* GARAGES offer PERMANENT



Model "A" Gable Roof

The preceding pages explained in detail the superior method of Harris Patented Construction as well as the excellent grades of materials used.

The actual photo above is typical of the thousands who have purchased this model —no unnecessary frills about this building, but still far more attractive than most similar buildings of the old fashioned saw and hammer type. Harris garages are complete when they come to you. No carpenter work—no muss around your lot.

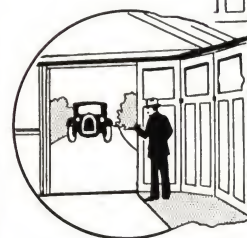
Furnished With

Three new type swing-out casement sash, one service door and choice of "Quicklock" swinging doors or easy "Rollaway" doors.

**\$10
DOWN**

For terms see page 111

Your Choice
of
"Quicklock"
Equipped
Swinging
Doors or—



Improved
Easy
"Rollaway"
Doors

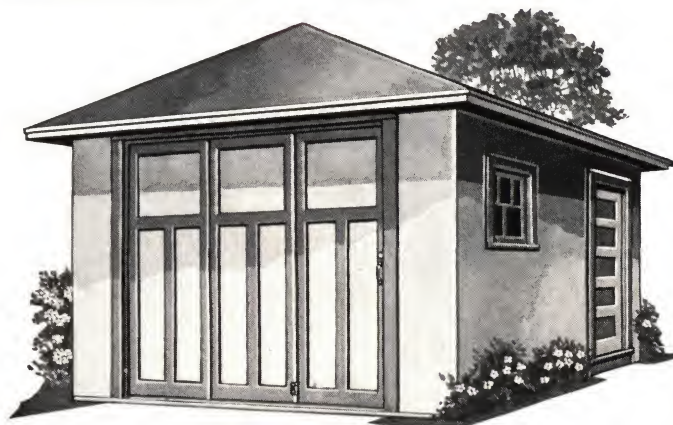
\$161

Buy one of these
Model "A" or "C"
One Car Garages
Size 10'6"x16'6"

Other Sizes in One-Car Garages
Gable or Hip Roof

Note—Please use numbers when ordering.

"A" Gable	Size		"C" Hip	Price
	Width	Length		
38-A-2	9'6"	14'6"	Not Furnished	\$143
38-A-5	10'6"	16'6"	38-A-63	161
38-A-6	10'6"	18'6"	38-A-64	174
38-A-8	12'6"	16'6"	38-A-65	176
38-A-9	12'6"	18'6"	38-A-66	187
38-A-10	12'6"	20'6"	38-A-67	199



Model "C" Hip Roof

If you have a "hip roof" on your home, the garage illustrated above will match up very nicely.

By careful experimenting, we have developed these hip roof garages combining our patented notch-lock truss and all the other features of our construction. Every garage is guaranteed that there can be no spreading of walls or sagging of roof, regardless of snow-load.

Furnished With

Three new type swing-out casement sash, one service door, and choice of "Quicklock" swinging doors or easy "Rollaway" doors.

Super Value at Lowest Prices

CONSTRUCTION

Two Car Garages—
Your Choice
of Gable or
Hip Roof

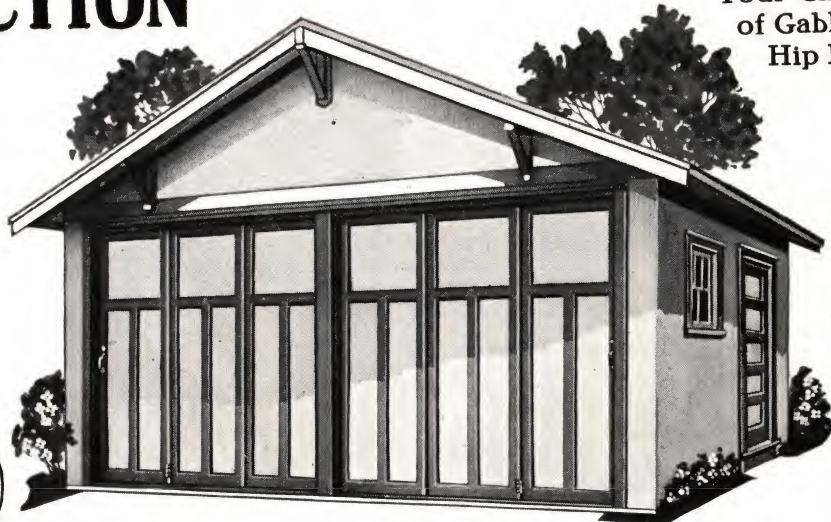
**Balance
Like Rent
in EASY
MONTHLY
PAYMENTS**

ALL
HARRIS
GARAGES
ARE



**INSULATOR
LINED**

Erection Information and
Complete Specifications on
Preceding Pages



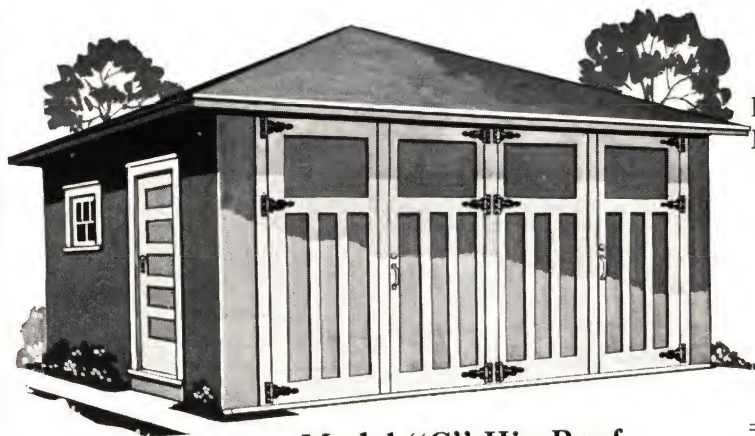
Model "A" Gable Roof

If you have sufficient room on your lot for a two-car garage, you certainly are overlooking the best investment if you don't buy one—the rental from the other side will pay for the building.

Remember, in our patented unit-method construction the windows and service door may be placed wherever you want them. You can be proud of this building—it will be an asset to your property.

Furnished With

Four new type swing-out casement sash, one service door and two sets of auto doors, choice of "Quicklock" swinging doors or easy "Rollaway" doors.



Model "C" Hip Roof

Our volume production with labor saving machinery permits us to give you this "hip roof" style of garage without extra cost. This type building usually costs at least 10% more.

A suggestion: If you want to "doll" up this building at a small cost, we can furnish flower boxes, hoods, trellis and make it a very attractive building.

Furnished With

Four new type swing-out casement sash, one service door, and two sets of auto doors, choice of "Quicklock" swinging doors or "Rollaway" sliding doors.

Buy One of these
Model "A" or "C"
two car Garages
Size 16'6"x18'6"

\$236

**Other Sizes In Two-Car Garages
Gable or Hip Roof**

Note: Please use number when ordering.

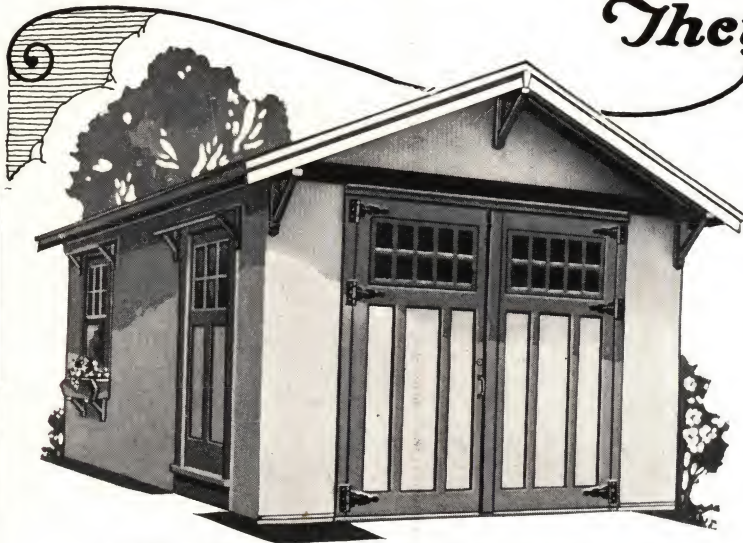
"A" Gable	Size Width Length	"C" Hip	Price
38-A-12	16'6"x18'6"	38-A-70	\$236
38-A-14	18'6"x18'6"	38-A-71	250
38-A-15	18'6"x20'6"	38-A-72	268
38-A-19	20'6"x18'6"	Not Furnished	273
38-A-20	22'6"x18'6"	Not Furnished	304
38-A-16	20'6"x20'6"	38-A-73	279
38-A-18	20'6"x24'6"	38-A-74	308

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

HARRIS *Patented.* De Luxe Garages

They are Fit to Grace~

NEW Low Prices!



"DE LUXE" Model "B" Gable Roof

These "DeLuxe" model garages are identical in construction to the models on the preceding page except the style of doors and windows.

Here is a quality building, not only in construction, but in appearance with its colonial style windows and service door, glazed auto doors and service door, glazed auto doors and hoods over all windows and entrance door. Also a flower box is furnished for one of the windows. Additional flower boxes may be purchased if you think necessary.

Furnished With
Two Colonial windows, one Colonial glazed service door, choice of glazed "Quicklock" swinging doors or glazed "Rollaway" doors

\$181

Buy one of these
Model "B" or "D"
one car Garages
Size 10'6"x16'6"

Other Sizes in One Car Garages
Gable or Hip Roof

Note: Please use numbers when ordering.

"B" Gable	SIZE		"D" Hip	PRICE
	Width	Length		
38-A-41	9'6"	x14'6"	Not Furnished	\$162.00
38-A-44	10'6"	x16'6"	38-A-23	181.00
38-A-45	10'6"	x18'6"	38-A-24	194.00
38-A-46	12'6"	x16'6"	38-A-25	196.00
38-A-47	12'6"	x18'6"	38-A-26	207.00
38-A-48	12'6"	x20'6"	38-A-27	227.00

**"DE LUXE"
ONE CAR
GARAGES**

Your choice
of Gable or
Hip Roof



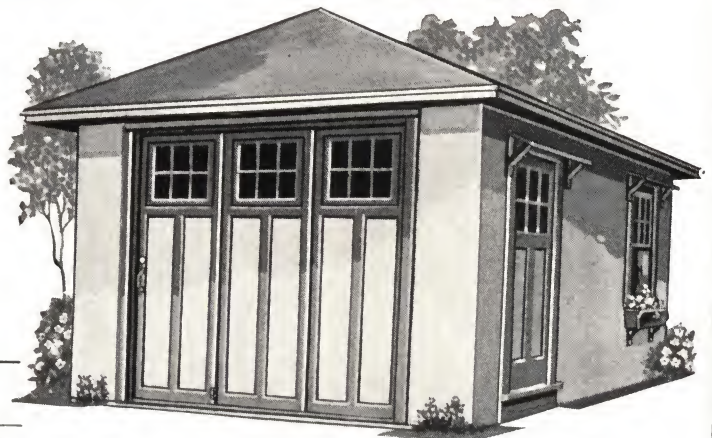
For terms see page 111

**ALL
HARRIS
GARAGES
ARE**

**INSULATOR
LINED**



Erection information and
complete specifications on
preceding pages



"DE LUXE" Model "D" Hip Roof

Here is another type of "DeLuxe" garage. This is the Model "D", identical in construction with all other Harris Patented Garages, in all details.

It is indeed difficult to imagine that this is a sectional building and that anyone can make just as good a job of it — the reason is simple — It is the result of the carefully thought-out Patented Construction — no joints show — wind, weather and fool proof, made of best materials, not only to look well, but to last long.

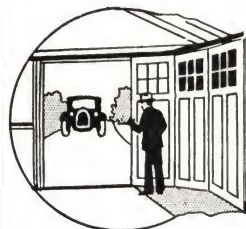
Furnished With
Two Colonial windows, one Colonial glazed service door, choice of glazed "Quicklock" swinging doors or glazed "Rollaway" doors.

Satisfy the Most Exacting Tastes any Surroundings—

**Balance-
Like Rent
in EASY
MONTHLY
PAYMENTS**

Your Choice of
"Quicklock"
Equipped
Swinging
Door

or—



Improved
Easy
"Rollaway"
Doors



"De Luxe" Model "B" Gable Roof

Our files show thousands who have purchased this "De Luxe" type of garage after careful search for a building that would not detract from the beauty of their home.

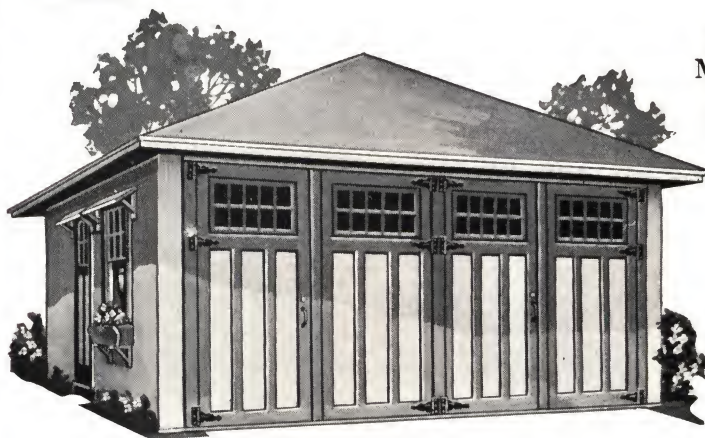
A most pleasing combination of colonial style windows, doors and other decorations that set this building out from the ordinary "slapped-up" garage.

Furnished With

Three Colonial windows, one Colonial service door and two sets of auto doors, choice of glazed "Quicklock" swinging doors or glazed "Rollaway" doors.

Buy one of These
Model "B" or "D"
Two Car Garages
Size 16'6" by 18'6"

\$263



"De Luxe" Model "D" Hip Roof

Your "De Luxe" Model "D" garage will be equally handsome, as this one erected on the back lot of a \$50,000 residence in Chicago.

This type of garage is identical in type as the Model "B" illustrated with the exception of the roof being the "hip roof" style.

Furnished With

Three Colonial windows, one Colonial glazed service door, two sets auto doors, choice of glazed "Quicklock" swinging doors or glazed "Rollaway" doors.

Other Sizes in
Two Car Garages Gable or Hip Roof

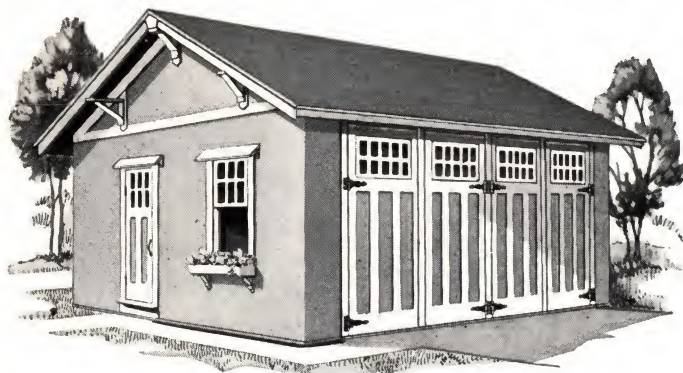
Note: Please use numbers when ordering.

"B" Gable	SIZE		"D" Hip	PRICE
	Width	Length		
38-A-50	16'6"	18'6"	38-A-32	\$263.00
38-A-51	18'6"	18'6"	38-A-33	277.00
38-A-52	18'6"	20'6"	38-A-34	295.00
38-A-55	20'6"	18'6"	Not Furnished	298.00
38-A-56	22'6"	18'6"	Not Furnished	325.00
38-A-53	20'6"	20'6"	38-A-35	312.00
38-A-54	20'6"	24'6"	38-A-36	341.00

HARRIS Patented "COLONIAL" GARAGES

Model "G"

Two Car Sizes and Larger



THIS 18' 6" x 18' 6" MODEL "G" GARAGE — \$284

\$10 DOWN

Balance EASY PAYMENTS

For terms see page 111 OTHER SIZES

No.	Capacity	Size	No. of Windows	Price
38-A-130	2 Car	18'6"x16'6"	3	\$268.00
38-A-131	2 Car	18'6"x18'6"	3	284.00
38-A-132	2 Car	20'6"x18'6"	3	299.00
38-A-133	2 Car	20'6"x20'6"	4	315.00
38-A-134	3 Car	24'6"x20'6"	5	362.00
*38-A-135	4 Car	32'6"x20'6"	7	473.00

*This size \$50.00 down, balance monthly payments.

For terms see page 111

TO MATCH YOUR COLONIAL HOME

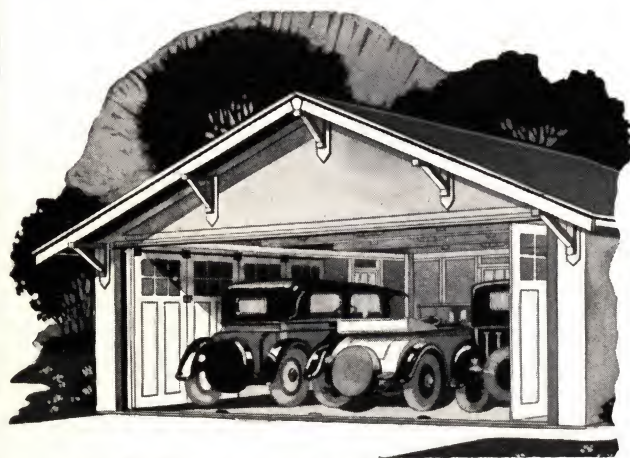
Due to the increasing popularity of Colonial homes we have designed this type garage embodying all our patented features of superior construction.

This Colonial style Model "G" garage is identical with the "De Luxe" Model "B" garage illustrated on the preceding pages except the roof is turned the other way. A special reinforced top plate over the front doors is furnished, adding considerable strength to the building.

FURNISHED WITH

Colonial windows as illustrated, one Colonial glazed service door, auto doors, with choice of Glazed "QUICKLOCK" SWINGING DOORS or Glazed "ROLLAWAY" SLIDING DOORS

Two and Three Car Garages Without Center Post Can Be Furnished in Model "A" or "B" Gable Roof Only



No Center Post Garage With "Rollaway" Doors

These garages without center posts are furnished with Rollaway Doors and only in Models "A" and "B."

Here is our newest and latest type of garage. TWO AND THREE CAR garages WITHOUT center posts, giving the greatest possible clear space door opening, easy to drive in and easy to drive out.

With the development of our patented Rollaway hardware we have now tested out and placed on the market no center posts garages that can be had in two and three car capacity.

These garages are furnished only in gable roof construction as illustrated to the left. This gable is scientifically constructed with extraordinary bracing in the back of it so that there will be no sagging and will hold the doors in perfect order. This is guaranteed by us.

Think of this convenience, especially to those who are crowded for ground space and sometimes must confine themselves to 16 feet 6 inch widths for two cars and with this no center posts construction it will be an easy matter to drive two cars in and out in a width of this size. In 18 feet 6 inch width without center posts there is of course still more room and if absolutely necessary three fairly small size cars can be housed in this width. For greater convenience we recommend the 20 feet 6 inch width and 18 feet 6 inch depth, or 22 feet 6 inch and 18 feet 6 inch for customers who have the necessary ground space and want to house three cars or two cars with lots of additional room for garden tools and such other things that are usually kept in the garage.

Following is width of openings of our various size no center post garages:

Width of Garage	Width of Clear Opening	Number of Doors	Extra Cost
16 feet 6 inches	15 feet	6	\$10.00
18 feet 6 inches	16 feet	6	10.00
20 feet 6 inches	18 feet	7	15.00
22 feet 6 inches	20 feet	8	20.00

\$5.00 TO BE ADDED TO ERECTION ON NO CENTER POST GARAGES.

"Garage" Accessories

Blinds and Flower Boxes



BLINDS—These blinds are made up of Clear White Pine. Painted one coat of white, including Gravity Blind Hinges and Catch.

38-A-142. For Colonial Windows, price per pair.....\$4.50

38-A-143. For French Windows, price per pair.....\$5.00

FLOWER BOX—Size 3' 6" wide complete with brackets and painted one good coat of white paint. Price,

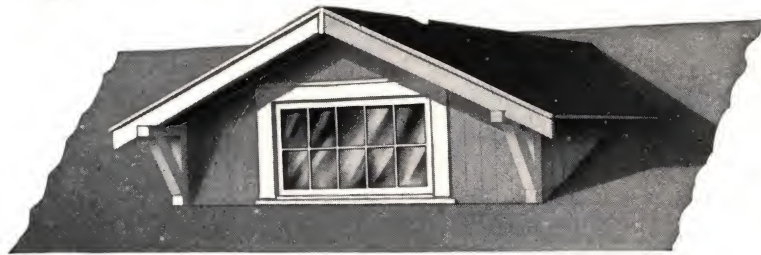
38-A-144.....\$1.25

Winter Shutters



You can leave your cottage at the end of the season without worrying about anybody breaking the windows, or getting in. These winter shutters are made up of No. 1 Yellow Pine Beaded Shiplap boards, strongly reinforced. They fit right into the opening and can be nailed in place or fastened with hooks from the inside. Painted Gray on the outside. No hardware included.

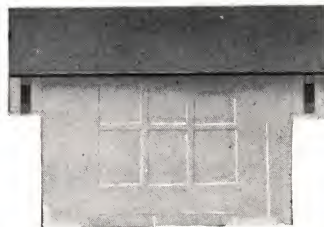
For Colonial Windows.....\$1.50
For French Windows.....1.75
For Half-Size Windows......90
For Doors.....2.75



Dormers

A long expanse of roof can be broken up and the appearance of a cottage can be improved by a dormer as illustrated here. This dormer is not only beautifying but useful as well. It can be used as a ventilator—the window is made to slide up and can be operated by a cord drawn through to the room below. The roof of the building can be cut out to permit the air to circulate through the attic. Furnished complete in sections ready to assemble, painted stock color—gray and white trim. Sufficient slate surfaced roofing also included.
DORMER 38-A-148.....\$35.00

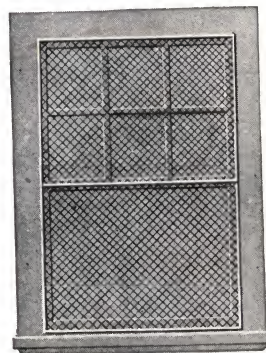
Window or Door Hood



This window or door canopy, sometimes called "hood," is made up ready to set in place complete with brackets. 3' 10" wide, painted white. It makes an ideal protection against rain and snow.

38-A-145.....60c

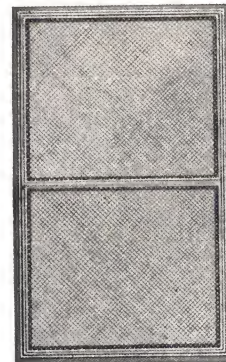
Wire Guards for Garage Windows



For Colonial Windows
For Models "B," "D," and "G" Garage windows or for houses.

38-A-147.....\$3.95

Window Screens



Screens for Colonial Windows

Made of galvanized wire, painted white, for Colonial Windows, size 2' 4 3/8" x 3' 11", each...\$2.30

French Windows—Screens

Galvanized wire, vertical center rail, painted white. For French Windows. Size 2' 8 3/8" x 3' 11". Each.....\$2.55

Half-Size Screens and Half Casement Screens

Galvanized wire, made to fit lower half of windows and for bath rooms, closets, etc., Size 2' 4 3/8" x 2' 4". Each.....\$1.85

Screen Doors

See building material catalog giving illustrations and prices of various types of screen doors.

Harris Patented Bath House and Outhouse

"CELLU-SEAL" Insulator Lined



Where plumbing accommodations are not yet available Outhouses will solve the problem. These handy buildings are made up of regular units and can be assembled in an hour. Price includes floor and large and small seat. For Bath Houses we furnish one plain seat 12" deep and 4" wide instead of the large and small seat. Painted regular color gray and white trim.
HARRIS Patented Outhouse or Bath House.

38-A-149.....\$39.00

A Reproduction of the Complete and Easily Understood Plans Furnished With Every Garage

*You Can't Go Wrong. This Shows How Simple
It Is to Erect Any Harris Patented Garage*

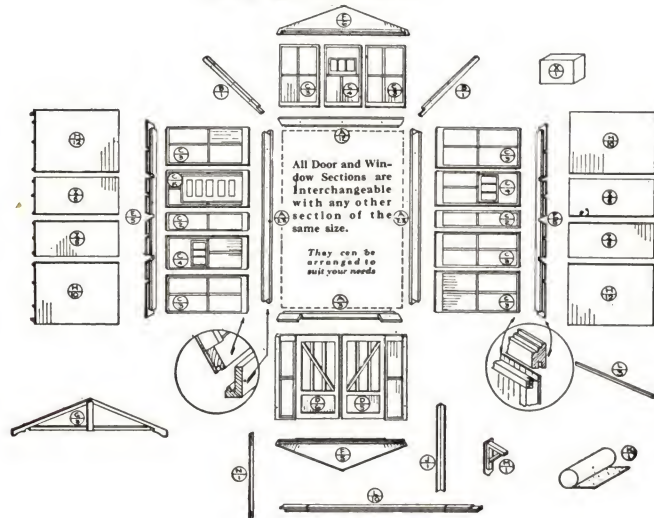
Harris Patented Garages Are Easily Erected—nearly 75% of them have been Erected by Owners

ERECTION PLAN of HARRIS PATENTED UNIT MADE GARAGE



HOW TO
SQUARE
SILLS

It is easy to square sills. To square your foundation and sills, take two of the 1x3 side eave strips—tack them together to make one long stick (or a tape line will do). To square the sills, measure from "A" to "A" and "B" to "B." When these two distances are equal the sills are square.



SIZE 12' 6" x 18' 6"
MODEL "A"

INDEX OF UNITS

NOTE: If units are used in alphabetical order, as listed below, considerable time will be saved in erecting this Garage

No. of Units	Unit No.	DESCRIPTION
1	X-1	Box Bolts, Foot & Chain Bolts, Nails, etc.
1	A-3	Front Sill
1	A-12	Rear Sill
2	A-23	Side Sills
2	B-1	Corner Posts
2	C-2	2 ft. Plain Wall Sections
7	C-3	4 ft. Plain Wall Sections
3	C-4	4 ft. Sash Window Sections
1	G-6	4 ft. Plain Side Door Section
1	D-5	Right Hand Garage Door Section
1	D-6	Left Hand Garage Door Section
2	E-5	Top Wall Plates
1	F-5	Front Gable
1	F-6	Rear Gable
3	G-3	Roof Trusses
2	H-10	End Roof Sections
2	H-12	End Roof Sections
4	I-6	Center Roof Sections
4	J-1	Corner Boards
4	K-1	Rolls Roofing
4	L-3	End Eave Strips
48 L. ft.	L-10	Side Eave Strips
6	M-1	Brackets & Bunks
1 pr.	N-1	Shing—Extra—in case of damage
1 pair		"Presto-Up" Door Holders

HARRIS Patented

GARAGES & BUNGALOWS

PATENTED APRIL 2, 1910—SEPTEMBER 3, 1913

MARCH 21, 1915

OTHER PATENTS PENDING

MANUFACTURED EXCLUSIVELY BY

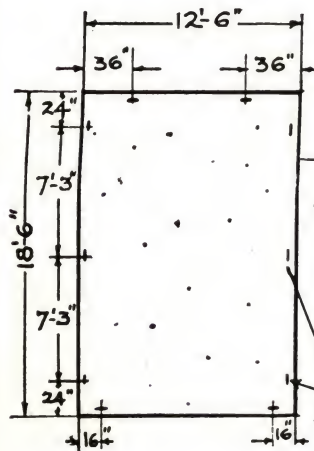
HARRIS BROTHERS CO.

35th AND IRON STREETS

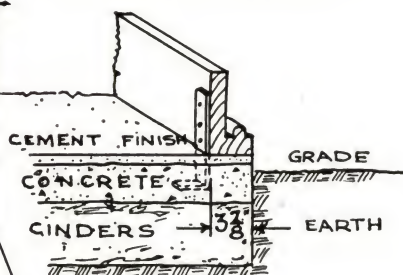
CHICAGO

Foundation Plans for Harris Patented Garages

FURNISHED ON RECEIPT OF ORDER

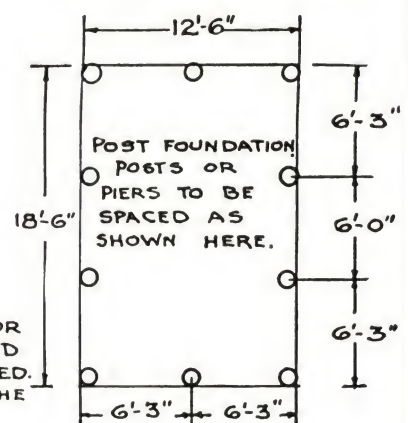


CONCRETE FLOORS



ANCHORS TO BE INSERTED INTO FLOOR 3 7/8" FROM OUTSIDE EDGE AND LOCATED PER PLAN—ANCHORS ARE NOT FURNISHED. THEY ARE USUALLY FURNISHED BY THE CEMENT CONTRACTOR.

POST FOUNDATIONS



Post Foundations

When the garage is set on cedar posts or piers, it is recommended that 6" cedar posts be used or 6" concrete or stone piers. These piers are to be set according to the plan above. For example on the 12'6"x18'6" building, the outside measurement of the piers should be 12'6"x18'6" and to be spaced as shown above. Sills of the garage can be spiked to the posts or anchored with iron straps. Where the ground is level it is not necessary that the posts be set more than 2 or 2 1/2 feet into the ground.

HARRIS

PATENTED

"CELLU-SEAL" INSULATOR LINED

"UNIT MADE"

BUNGALOWS—LAKESIDE COTTAGES
SCHOOLS—CHURCHES—GARAGES
and

BUILDINGS FOR ALL PURPOSES

These Buildings are not to be confused with our Ready-Cut Harris Homes Beautiful. All "UNIT MADE" Buildings are completely manufactured in sections at our factory in Chicago and can be assembled on the ground in quick time by inexperienced workmen.

There are practically no limitations for which these buildings may be used, but the main purposes for which they were designed are briefly summarized as follows:

- No. 1—For the man who intends building a home, but is unable to build the more elaborate type of house. He will find these buildings will make a comfortable, attractive, well-built and practical home in every respect.
- No. 2—For the man in an out-of-way locality, where it is difficult to secure material and skilled building tradesmen. He will find that these buildings will solve the problem. A complete house can be loaded on trucks, delivered to destination and erected in many cases not longer than three or four days.
- No. 3—For the man who is building a Lakeside Cottage. He will find that a HARRIS Patented Unit Made Cottage can be erected by himself with the aid of a few friends over a week-end. He can avoid the usual delays and expense connected with buying lumber, engaging carpenters, painters and other workmen to complete his cottage.
- No. 4—For the man who intends building a garage, we can only say that there are more than 20,000 of these HARRIS Patented Garages in the Chicago District alone. This should be sufficient evidence that these buildings are practical, durable, attractive and above all, lowest in prices. Our success is due to our policy of using first-class material thru-out, exceptionally strong methods of construction and many tested patented features of construction, enabling customers to erect their own Garages in a quick and satisfactory manner.

If you are interested in any one of the purposes for which these Buildings have been designed, you should, by all means, read over carefully the following pages which are devoted to these Buildings. We show in detail how these buildings are constructed and the kind of material used.

You need not limit yourself to the Plans and Sizes shown. "Unit Made" buildings can be furnished in widths up to 32 feet, and lengths to suit your requirements. If you do not find what you want send us a sketch of your plans.

Guarantee

THERE are over 25,000 of these Buildings erected thruout the country, of which more than 20,000 have been erected in the Chicago district alone, and with this record you should have no hesitancy in ordering your Garage, Cottage or Bungalow direct from this Catalog.

We Guarantee that material, construction and workmanship will be exactly as represented—that the buildings are practical, substantial, wind, weather and fool-proof, and that any person who can read numbers and follow simple directions can put them together satisfactorily.

HARRIS BROTHERS COMPANY

TERMS: Our established terms are cash with order. Our Guarantee above and our General Guarantee are your protection. You run no risk in sending full remittance whenever it is convenient. It will save delays and annoyances at your end of the line.

Prices are net, not subject to discount. When it is not convenient to send full remittance, arrangements can be made to send a reasonable deposit as evidence of good faith, balance to be paid on our draft with bill of lading attached, or covered by Guarantee from a Bank, Trust Company or Building and Loan Association, acceptable to our Credit Department.

Time Payments On Garages

CHICAGO AND SUBURBS

Special time payments on HARRIS Patented Garages are offered to residents of the city of Chicago and suburbs within 35 miles of our plant as low as \$5.00 Down. Balance in easy monthly payments, with financing charges.

OUT OF TOWN FREIGHT SHIPMENTS

Time payments on HARRIS Patented Garages are also offered to residents OUTSIDE of Chicago and Suburbs, on the basis of 25% cash with order, balance in 12 equal monthly payments, with financing charges.

Time Payments on Cottages and Bungalows

Time payments are offered to both Chicago, Suburban and Country Customers, on these "UNIT-MADE" Cottages and Bungalows at the rate of 25% cash with order, balance to be paid in equal monthly payments over a period up to 24 months. Write for special terms.

ALL TIME PAYMENTS orders must be passed upon by our Credit Department and such offers are made and orders accepted only subject to their final approval. The small extra charge connected with handling orders on the payment plan to be borne by purchaser and to be added to the purchase price and can be included in the monthly payments.

Prices

All prices on Buildings as shown on current Chicago price list and in this catalog are f. o. b. cars Chicago and do not apply to any branches. If you are outside of our Free Delivery Zone (see page 1) write us for GUARANTEED FREIGHT PAID PRICES. Prices are subject to change as market conditions necessitate.

Patents

HARRIS "UNIT-MADE" Insulator Lined Buildings are a Patented Construction. Not patented to obtain a high price, but as a protection to you against unscrupulous imitations. Various new and improved features of these Buildings are patented April 2nd, 1918, Sept. 3rd, 1918, March 22nd, 1921, and July 18th, 1922, and other patents pending. The right is reserved to change construction and material as improvements may necessitate.

Shipments

Safe Delivery Guaranteed

Shipments are made direct from our Chicago Plant and branches where we aim to have sufficient stock on hand to make QUICK shipments. All units are carefully marked and loaded in cars or on trucks and shipped so as to reach customers without breakage. If any parts are received broken or damaged, just have the R. R. Agent write "damaged" on the freight receipt and return this receipt to us. Tell us what we can do to satisfy you. Your satisfaction is our best advertisement. Care must be used in unloading and piling so as not to expose the inside finishes unnecessarily to the elements.

Export Shipments

Specially Packed and Crated

Buildings sent to foreign countries require special crating and an extra charge of 25% is made. On foreign shipments full remittance should accompany the order, plus freight charges to ocean port if wanted shipped "Prepaid," or you may remit 50% of the total price and designate any Bank in the United States where balance can be collected with shipping document attached.

We Will Erect Your Garage or Cottage

We maintain a staff of expert erectors at all times and if you are within our 35 mile FREE delivery zone we will erect your Garage and guarantee the job.

CHARGE AS FOLLOWS:

Paloma 1 car.....	\$20.00	Models A, B, C or D One car.....	\$25.00	Garages ordered on the payment plan must be erected by us and erection charge may be included in monthly payments.
Granada 2 ".....	30.00	" A, B, C, D or G Two car.....	35.00	
		" G 3 car.....	45.00	
		" G 4 ".....	55.00	

The above charge includes 2½ ft. cedar posts furnished and installed by us. If ground is lower than alley, or unusually low in spots, it is recommended that longer posts be used which we can furnish at a small extra charge. If you are outside our Free delivery zone write for special low erection charge. We will also accept orders for erecting Harris Unit-Made Cottages—Write for low prices. All work guaranteed.

Many Reasons Why These Houses

Have Been Purchased by Such Well Known Companies as Shown Below

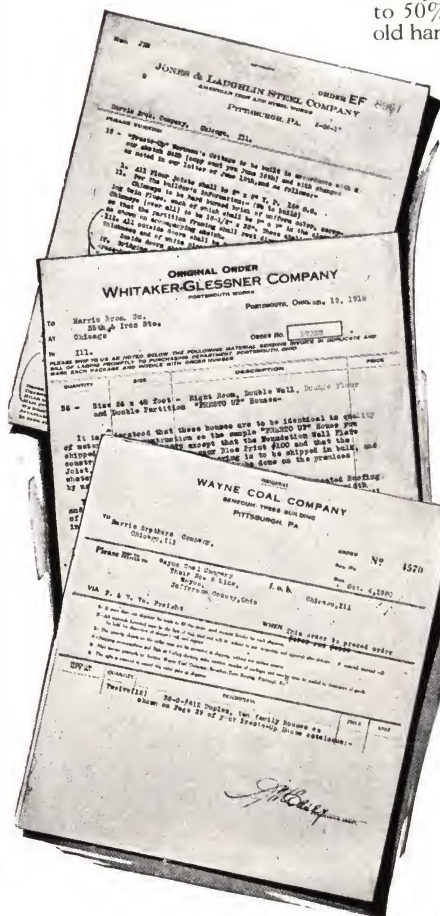
These Cottages have been purchased by some of the largest Industrial, Steel and Coal Corporations. We show a few reproductions of orders. When you consider that these well known corporations purchase only the best for their employees, you will quickly realize why our Cottages have been purchased in such large quantities.

These Buildings are the result of careful study of materials and construction—a multitude of experiments in the selection of proper materials, not only for strength but for economy in manufacturing, having in mind also ease of erection by the customer, neatness in appearance and sturdy construction.

Careful study and research work brought to light many happy and practical combinations of the use of better quality materials which heretofore had been a drug on the market, and purchased by us in tremendous quantities at from 25 to 50% less than material used for the same purposes under old hand methods of construction.

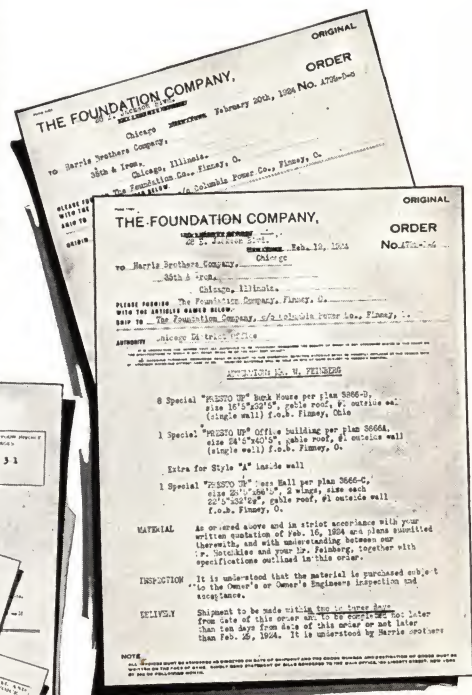
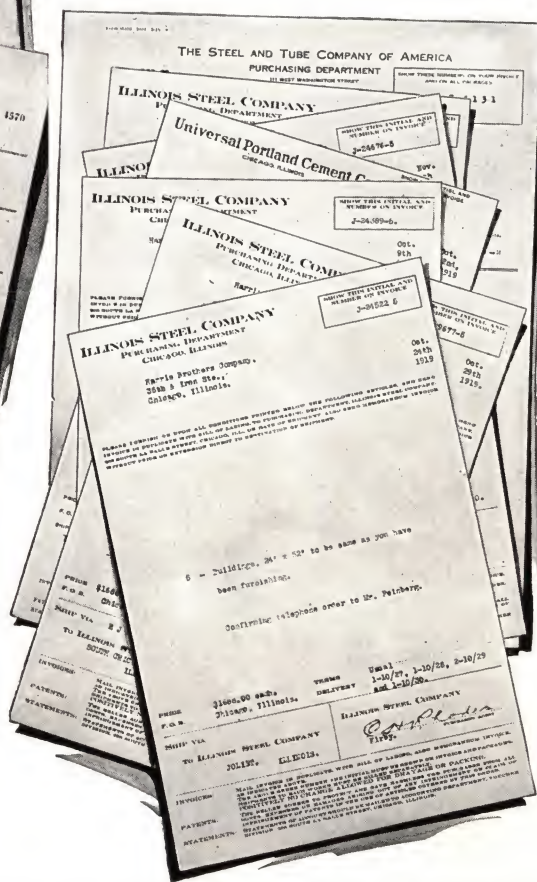
To build a cottage of the same style as our HARRIS PATENTED Insulator lined "Unit Made" Cottages with as good material, and as strong construction by the slow hand method would cost easily double the amount. Our Cottages are machine and template made, all work is done on "forms" that permit no error in measurements practically no waste in material, and top speed in production. Nearly 90% of the work is machine work—electrical driven saws—borers—screwdrivers—gang drills, and a multitude of other new and improved labor-saving methods.

This saving is passed on to you in low prices and the better value in these buildings, which come to you in conveniently handled sections that can easily be bolted together, painted, all doors, windows and hardware already applied, so that within a few hours after your building is laid out on your premises it can be erected and moved into.



STRONGEST CONSTRUCTION

Away above average quality material is used. Clear kiln-dried Oregon Fir Siding. Much better than the usual No. 1 grade of framing lumber, and the roof boards are likewise in most instances, even better than a No. 1 grade, whereas, in the average hand built cottage only a No. 2 Common grade is used. The tremendous quantities, and the speed with which material is put through the machines—right from the car doors to the machines—prohibits re-grading, and you get the benefit of the higher grades without the higher price.



EASIEST TO ERECT

Over 25,000 HARRIS PATENTED Buildings stand erected in the City of Chicago alone, and of this quantity easily 75% were erected by owners. The same holds good for Cottages—handy men are all that is needed to erect these buildings. We have simplified the construction so much that it makes this possible.

In designing our Cottages, better material and heavier construction than actually necessary has been specified in many instances, so as to make it easier for the purchaser to erect. You can hardly go wrong unless you are wilfully careless. It is practically impossible to proceed in a wrong manner, because of the "fool-proof" method in which the assembling has been worked out to the last detail.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

SPECIFICATIONS OF MATERIAL AND CONSTRUCTION

COVERING THE MANUFACTURE OF

HARRIS PATENTED UNIT MADE PERMANENT COTTAGES

"CELLU-SEAL" INSULATOR LINED

WE CANNOT urge you too strongly to read every word of the following specifications. It gives you a clear and complete insight into the many exceptional qualities both in material and method of construction used in the manufacture of our Patented Cottages. It is a pleasure to be able to print such excellent specifications; there is nothing to hide and many good things to show and that is why we do not hesitate to give you full information on the subject.

OUTSIDE FOUNDATION SILLS: For all Cottages are built up equivalent to a 6x8 timber of No. 1 grade Southern Pine. It is so constructed as to form a pocket for the wall sections to fit into, making the sill absolutely "water-tight." This is only one of the Patented features of our Construction.

CENTER GIRDER: The center sill supporting the joists is built up of strong No. 1 Yellow Pine. On cottages 16 and 18 feet in width, this sill is built up of two pieces 2x6—on cottages 20 feet and wider it is built up of three pieces 2x6 equal to a 6x6 timber.

FLOOR JOISTS: Are 2x8 No. 1 Southern Pine spaced 16 inches on centers. They drop into pockets in the sill and are supported by the center girder. No cutting or fitting necessary.

FLOOR SECTIONS: The flooring is 1x4 standard finish kiln-dried Clear Yellow Pine or Fir, tongued and grooved. Sections are usually 3 foot wide and the length of the room—thus joining the next section under the partition, so that no section joints show in the floor. All sections have a layer of heavy tarred felt on the under side of the boards, keeping out dampness, and eliminating the necessity of double floors.

DOUBLE FLOORS: If wanted can be ordered extra. In this case, we furnish the "sub-floor" made up in sections of common boards and furnish the finish flooring to be applied by owner on the job after sub-floor and partition sections are in place.

CORNER POSTS: Corner posts are interchangeable like the sections and when in place give a corner timber construction practically equivalent to a 4x5 timber.

OUTSIDE WALLS: The outside walls consist of "sections" or panels made up in two and four foot widths. All wall sections are interchangeable. These "sections" or panels are made up as follows:

STUDDING: The studding is No. 1 and better grade Southern Pine, surfaced four sides. They are used in pairs every four feet where bolted together, with an additional stud in between, making three studs to forty-eight inches of wall, average distance apart sixteen inches. The studding is two by three. Two by four is not necessary in our construction on account of the three interlocked horizontal cross braces, all of which are halved and mortised at joints, give more than the necessary strength and hold the sections square and true. There are four two by three, and one two by four horizontal interlocked cross braces, which are secured to the studs at the top, center, and bottom of the section by halved joints. The inside of the panels when not covered

with an inside wall finish show a neat symmetrical distribution of "Cellu-Seal" lining and framing.

SIDING FOR NO. 1 OUTSIDE WALL

Clear kiln-dried Oregon Fir Siding, tongued and grooved, beaded on the outside and beaded or planed smoothly on the inside, applied vertically. Manufactured from three-quarter inch stock finished five-eighths inches. For full details and illustrations see following pages.

"CELLU-SEAL" LINING: Included in No. 1 outside wall cottages only. Our exclusive product. "Cellu-Seal" is an insulating wall board consisting of two heavy layers of tough fiber paper (Mullen test 175 lbs. to square inch) with a layer of corrugated paper between and sealed by our special machinery—giving thousands upon thousands of wonderful insulating dead air cells with a consequent efficient insulation against cold in winter and heat in summer. With this new type of lining a "single" wall house will make a warm livable place except in severest weather.

SIDING FOR NO. 2 OUTSIDE WALL

Clear Fir Drop Siding furnished in long lengths to be nailed to the exterior of framework of sections after bolted together—Paint included for one coat to be applied by customer. For full details and illustrations see following pages.

SIDING FOR NO. 3 OUTSIDE WALL

Sections made up with "Byrkits" Patent Stucco Lath. Openings are left in the outside to insert bolts. For full details and illustrations see following pages.

SIDING FOR NO. 4 OUTSIDE WALL

First wall is Beaded Vertical Siding same as described above. In addition we furnish Clear Redwood Beveled Siding either 1/2"x4" or 1/2"x6", also building paper to be nailed over the Beaded Vertical Siding. Paint included for one coat—to be applied by customer. For full details and illustrations see following pages.

PARTITIONS: All interior partition sections or panels are furnished made up to match the type of inside wall you ordered. If no inside wall is ordered the partitions are made up with beaded ceiling same as the No. 1 wall sections. These partitions are held firmly together by a special interlocking system, whereby they fit into the truss at the top.

TOP WALL PLATE: Fir and Yellow Pine built up equivalent to practically a four by six timber. This plate has a groove in it that drops down over the siding on the wall sections and holds it in a vise-like grip, keeping the wall in alignment. It has notches properly spaced to receive the patented Notch-lock truss, which locks and prevents any spreading of walls or roof.

(Continued on next page)

SPECIFICATIONS—Continued

ROOF TRUSSES: Manufactured of specially selected No. 1 grade Yellow Pine, two by fours with one by six scientific braces, reinforced with iron straps and made so as to form a notch-lock that drops into the top wall plate and holds the entire building in a firm grip. These Patented trusses not only make a roof much superior to any other on the market but make it a simple matter for any amateur to erect and make a good job of it.

ROOF SECTIONS: Are manufactured of No. 1 Common Southern Pine Ship Lap. Specially beaded on the under side to give a neat and finished appearance. Roof sections are made so they will easily drop in place between the trusses, and have additional rafters on them to add still more strength.

CEILING PANELS: Ceiling panels are furnished in wall board for Style "A" and "AP" inside walls and are included regularly **only when inside walls are ordered.** Ceiling panels drop in between the bottom members of the truss which form the beamed ceiling, as shown in illustration at right. These panels may be fastened in permanently or slipped in loose so they can be taken out at will. Ceiling panels can be ordered extra without ordering an inside wall. Prices quoted on application.

ROOFING: Roofing supplied is best quality Red or Green Slate Surfaced Roofing. Guaranteed, standard weight and quality. Sufficient nails, cement, and complete instructions are included with each roll, showing the proper way to apply the roofing. Individual, Four-in-One Slab Shingles, or Roofing stamped like shingles can be had at an extra cost. Prices upon application.

DOORS: Front and rear doors are 2' 8" x 6' 8" glazed, and according to the style shown in the illustration of the cottage. The inside doors are usually 2' 6" x 6' 6". All are properly hinged and have a good quality of mortise locks, inside trim, etc., already applied in place in the sections and properly crated to protect the glass in shipping.

WINDOWS: Windows are already in the sections. They are two light Colonial Style windows; that is, there are two sashes to a window, upper and lower, upper sash divided into 6 lights. Equipped with our special design window tension and anti-rattle springs, permitting lowering and raising of both sash, with strong sash lock and lift already fitted in place for locking windows. The windows are specially rabbeted, making them more wind and weather proof than windows on ordinary houses. Sizes of window openings is 2' 4" x 3' 10"—size of "French Window or Casement" Window opening is 2' 8" x 3' 10".

INSIDE TRIM: Trim around the doors and window is already applied before the sections leave our factory and is all stained a handsome Mission Brown. In all style "A" and "AP" Walls we furnish stained Mission Brown baseboard, quarter round, ceiling mould. Panel strips furnished with Style "A" wall only. Back band style of trim used throughout.

HEIGHT: The height of the wall on the inside from floor to ceiling is eight feet.

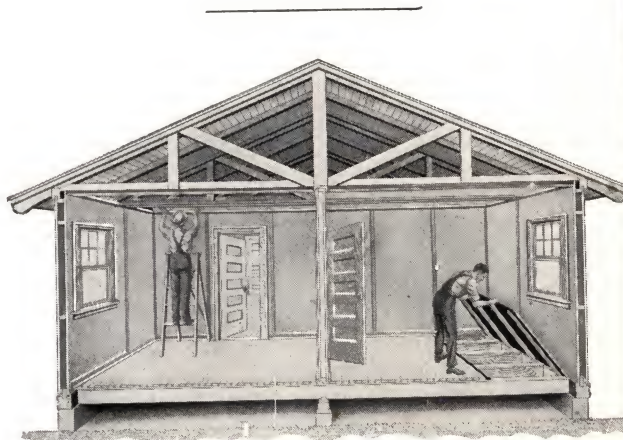
PAINT: Cottages purchased with No. 1 Outside Wall come to you painted, one good heavy coat of outside paint, stock color medium gray for the body, white trim. Our stock color

is such that it will take almost any finishing coat. For No. 2 and No. 4 Outside Wall paint for the siding is furnished for one coat to be applied by customer.

DIRECTIONS: An easily understood Blue Print and Instruction Sheet is furnished with every cottage. They are hardly necessary—the construction is so clear that the method of bolting together and assembling the various units immediately suggests itself.

FOUNDATIONS: May be of Posts or Piers of Brick or Stone or Concrete. Walls should be set with the outside edge on the line of measurements given for the size over buildings proper. For instance, for a 24' 5" x 24' 5" building, see that the outside edge of your posts or foundation is exactly 24' 5" x 24' 5", and the sills of the building will fit down on top of them perfectly. **NO FOUNDATION MATERIAL, SKIRTING OR CHIMNEYS INCLUDED IN OUR PRICE.**

PATENTS: Various new and improved features of "PRES-TO-UP" Buildings are patented—April 2nd, 1918, Sept. 3rd, 1918, March 22nd, 1921, July 18th, 1922, other patents pending. The right is reserved to make changes in construction and material as improvements may necessitate.



The above illustration shows a Cottage cut in two so as to show some of the exclusive features of our "unit made" construction. At the left the workman is shown putting the ceiling panels in place. The ceiling mould attached to the bottom of every truss forms a ledge for the ceiling panels to rest on. In this way, the ceiling is not nailed to the trusses, and you will not find any "bulging" or "sagging" ceilings on any of these Cottages.

At the right the workman is shown dropping the floor section into place. These floor sections are made up with a layer of heavy water-proof tarred felt nailed to the under side of the boards as shown. There are no "clumsy" sections to handle. These sections are usually 3 feet wide and the length of the room. The cross partitions cover the end joints where the sections meet.

Every assistance is given the purchaser so that he will be able to erect the building in the most economical and perfectly satisfactory manner.

THESE COTTAGES HAVE BEEN ERECTED IN THE COLDEST CLIMATES
SELECT THE TYPE OF OUTSIDE WALL FROM BELOW—SEE NEXT PAGE FOR INSIDE WALLS

OUTSIDE WALLS



NO. 1 OUTSIDE WALL—VERTICAL BEADED SIDING



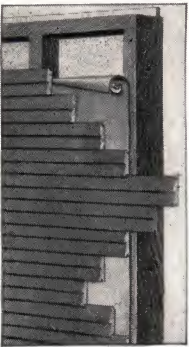
No. 1 OUTSIDE WALL: This style of wall is known as "Single Wall" and is usually ordered for Lakeside Cottages—it is "Cellu-Seal" insulator lined, when customer does not order any of the inside wall finishes specified on next page. The sections are made up with our regular siding nailed vertically to the framework of the sections. All the framework is planed smoothly so as to give a neat interior appearance.

The partitions on cottages ordered as above are single wall, that is, one side of the framework only is covered. Interior trim is already applied around the doors and windows with space allowed behind the trim for future interior wall. Ceiling panels are not included in any "single wall" type of house—they can be ordered extra, if desired.

For styles of Inside Walls—see next page



NO. 2 OUTSIDE WALL—DROP SIDING



No. 2 OUTSIDE WALL: An inside wall *must* be ordered with this style of Outside Wall. In ordering No. 2 Outside Wall, the sections are made up with whatever type of inside wall you select, already applied to the framework by us. This type of outside wall consists of "Drop" Siding, also known as "Novelty" Siding, Pattern No. 106 or No. 117; to be applied on the job.

The drop siding is not nailed to the exterior of the sections by us (this would necessitate cutting all to 4 foot lengths and show joints and ugly batten strips as in most other styles of sectional houses) but is furnished in long lengths including building paper and nails, and is to be applied on the job.

A house with this type of outside wall looks just like a regular built house. The siding running in continuous lengths ties the walls together even more and eliminates joints on the outside wall. "No-Joints Showing" is an exclusive feature in our buildings.

"Cellu-Seal" not necessary or included. Paint furnished for one coat to be applied by customer.

For styles of Inside Walls—see next page.



NO. 3 OUTSIDE WALL—STUCCO LATH



No. 3 OUTSIDE WALL: This wall consists of "Byrkit's" Patent Grooved Sheathing Lath for stucco, nailed on the sections here at the factory. Our price does not include stucco material as this is an extra on which we will gladly quote. No. 3 wall can be ordered without an inside wall.

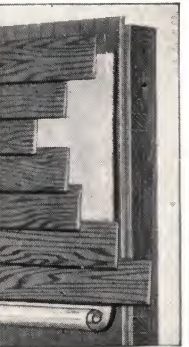
When an Inside Wall finish is ordered, the sections furnished are made up with whatever kind of Inside Wall finish you select and openings are left in the outside wall to insert bolts so as to bolt the sections together. Long lengths of the Byrkit's stucco lath are furnished to fill these openings to further tie the wall together, also to break joints, reducing any chance of cracking the stucco.

"Cellu-Seal" not necessary or included.

For styles of Inside Walls—see next page.



NO. 4 OUTSIDE WALL—BEVELED SIDING OVER VERTICAL SIDING



No. 4 OUTSIDE WALL: This wall has the same vertical siding as No. 1 Wall and in addition thereto we furnish building paper and Clear "Beveled" Siding (sometimes called "Weather-boarding") for the exterior, which is to be nailed on after the sections are bolted together. In extreme cold climates and when there is a preference for this style of siding, this wall is very desirable and of course, does away entirely with the appearance of the building at any time having been sectional. "Cellu-Seal" not necessary or included. Paint furnished for one coat to be applied by customer.

We can also furnish Colonial Siding or Shingles in place of the beveled siding. Write for prices.

For styles of Inside Walls—see next page.

TWO TYPES OF PRACTICAL INSIDE WALL FINISHES

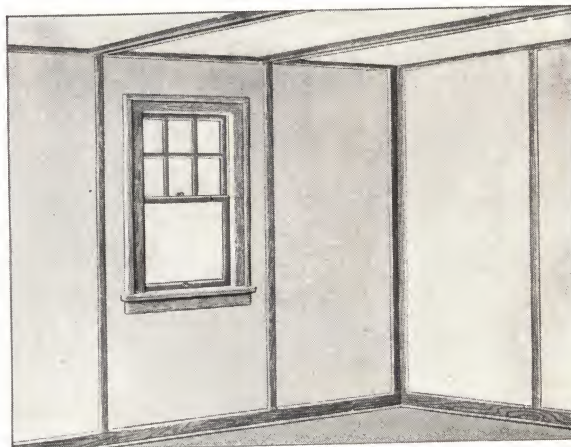
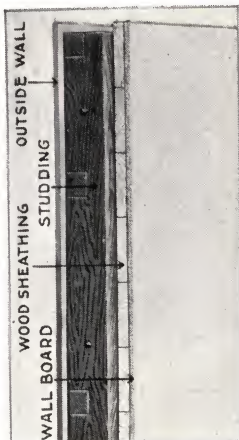
INSIDE WALL FINISH WHEN ORDERED IS APPLIED TO THE SECTION BY US BEFORE LEAVING FACTORY

INSIDE WALLS

STYLE "A" INSIDE WALL: This is a reinforced-with-wood wallboard inside wall finish, exclusively introduced by us. Vastly superior to anything that has yet been offered and is usually ordered by our customers.

The inside of the framework of the sections is first covered with wood sheathing, half thickness, and over this is nailed best quality heavy grade wallboard, Standard make. By our first applying wood sheathing to back up this wallboard, we entirely do away with the usual objection to wallboard, on account of danger of breakage from kicks and rough handling. You can readily see that a wall of this type is much stronger than ordinary wallboard nailed directly to the studs only. There are no patch pieces used around the windows or doors, for we cut the openings out of full size sheets. Partitions are manufactured in the same manner. Ceiling panels are likewise backed, but instead of sheathing we use nailing strips spaced 12" apart to hold them in place.

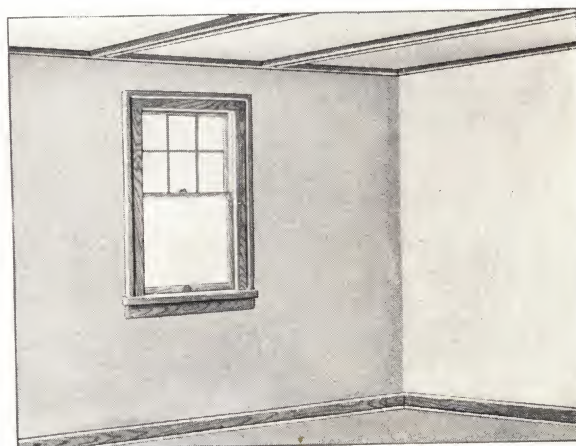
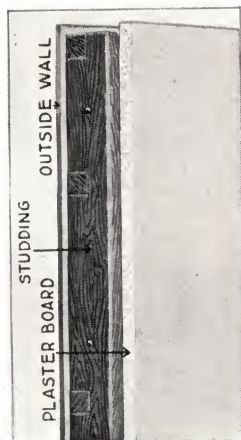
For styles of Outside Walls—see opposite page.



STYLE "A" INSIDE WALL—REINFORCED WALL BOARD

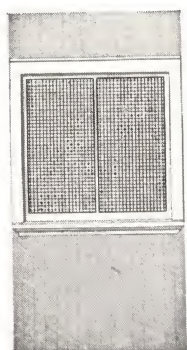
STYLE "AP" INSIDE WALL: This type of wall gets away from paneling the interior walls. It consists of Standard quality Gypsum Sheet Plasterboard, $\frac{3}{8}$ " thick applied by us to the sections. Joints between sections are to be filled with crack filler furnished by us. This makes a smooth wall, better, warmer and cleaner than plaster, and can be painted, calcimined or papered. Ceiling panels are made up with wallboard same as Style "A" wall described above.

For styles of Outside Walls—see opposite page.



STYLE "AP" INSIDE WALL—PLASTER BOARD

THESE ARE TYPICAL SECTIONS JUST AS THEY LEAVE THE FACTORY



Outside View
Porch Screen Section



Inside View
Colonial Window Section



Inside View
French Window Section



Inside View
Front Door Section



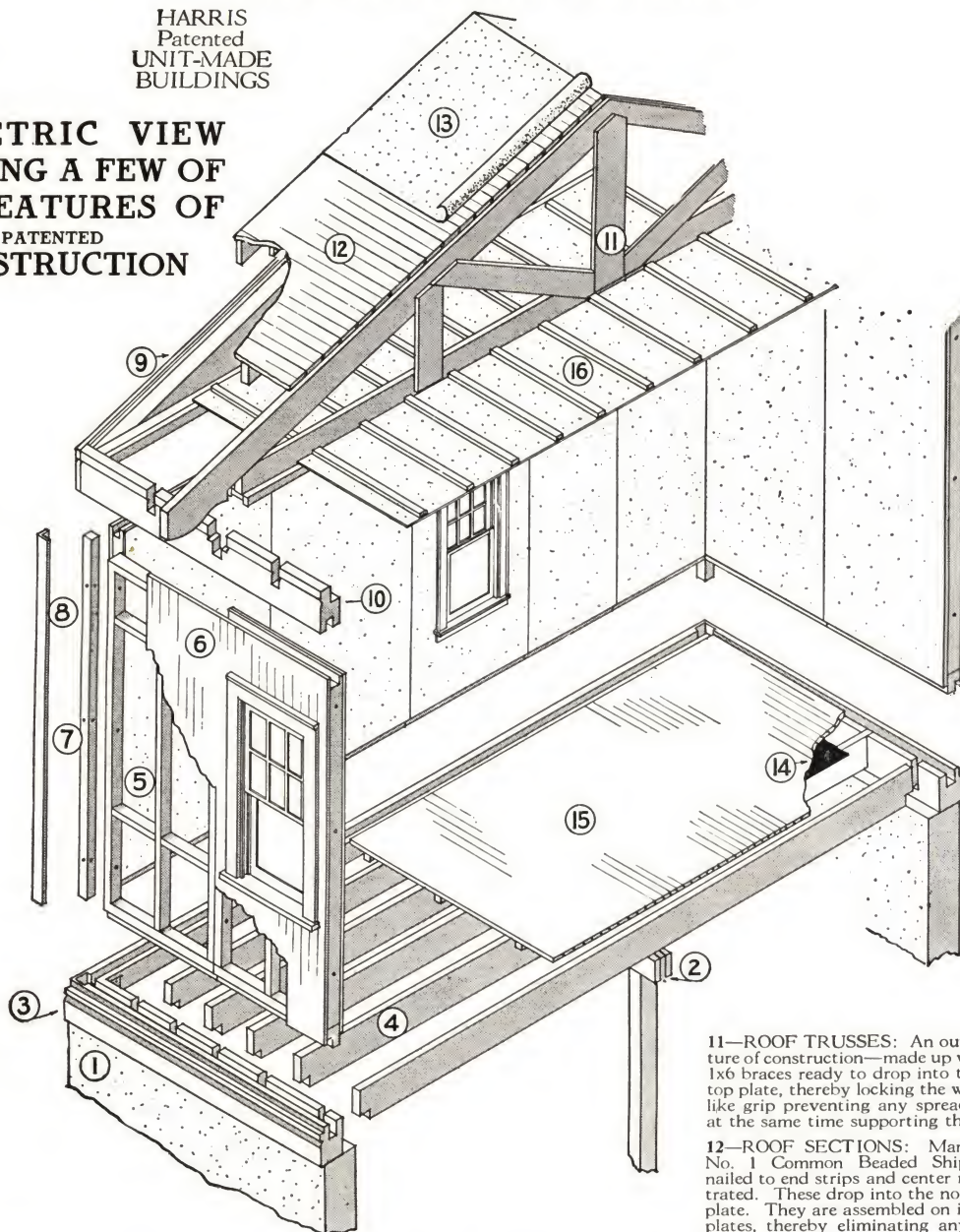
Inside View
Partition Door Section

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Construction Details

HARRIS
Patented
UNIT-MADE
BUILDINGS

ISOMETRIC VIEW
SHOWING A FEW OF
THE FEATURES OF
PATENTED
CONSTRUCTION



1—FOUNDATIONS: For Houses may be of solid concrete, stone or brick walls, or piers spaced not less than 6 ft. apart. No foundation material, girder posts or skirting included or charged for in our price.

2—CENTER GIRDER: Supporting the floor joists, built up equal to a solid timber. Supplied on all houses 16 ft. and wider.

3—WATERTIGHT SILLS: Built up equal to a 6x8 timber. Wall sections drop into groove as indicated, making it absolutely watertight.

4—FLOOR JOISTS: Are 2x8 spaced 16" on centers—fitted and notched to drop into the pockets in sills and supported by center girder. These are furnished in either full or two-piece lengths, depending upon width of building.

5—FRAMEWORK OF SECTIONS: Studding and cross braces are halved and mortised at joints giving more than necessary strength and keeping sections square and true.

6—SIDING: See following page for description of various types of outside walls. A feature of our Outside Walls is the absence of unsightly joints where units join together, doing away entirely with the appearance of being sectional.

7—CORNER POSTS: When bolted to sections at corners are equivalent to a 4x5 timber. No special corner sections are necessary in our construction.

8—CORNER BOARDS: Made up ready to nail in place covering the corner post.

9—GABLE SECTION: Grooved at bottom to drop down over wall sections, locking same in place, same as No. 10.

10—TOP WALL PLATES: Built up equivalent to a 4x6 timber, grooved to drop down over siding on wall sections as indicated. It has notches to receive the patented roof truss.

11—ROOF TRUSSES: An outstanding feature of construction—made up with 2x4's and 1x6 braces ready to drop into the notches in top plate, thereby locking the walls in a vise-like grip preventing any spreading of walls, at the same time supporting the roof.

12—ROOF SECTIONS: Manufactured of No. 1 Common Beaded Shiplap Boards, nailed to end strips and center rafter as illustrated. These drop into the notch in the top plate. They are assembled on iron clad templates, thereby eliminating any variance in measurements.

13—ROOFING: Roofing supplied is Best Quality Red or Green Slate Surfaced Roofing, with cement and nails.

14—INSULATING PAPERS: The under side of all floor sections has a layer of heavy tarred felt to keep out dampness.

15—FLOOR SECTIONS: Are made up of 1x4 Clear Fir or Yellow Pine in easily handled units. An exclusive feature of construction is the absence of any joints showing in the middle of the floor.

16—CEILING PANELS: This illustrates the type of ceiling panels furnished when Style "A" or "AP" Inside Wall is ordered. Note the heavy re-inforcing of the wallboard, these strips are spaced 12" apart giving more strength than the usual manner of nailing wall board up against rafters only 16" on centers. These panels drop into place between, and rest on the beamed ceiling nailed to the bottom of each truss.

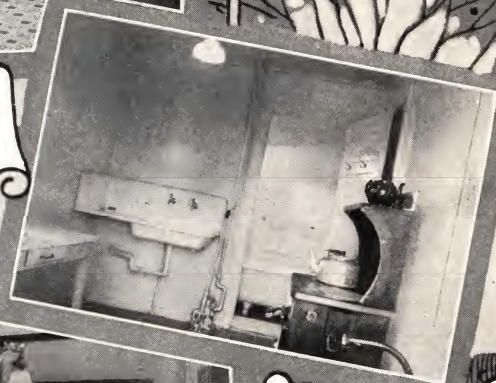
Interiors Harris Patented UNIT-MADE Cottages



A view of the Dining Room in the "Edgebrook"



A Cozy Porch Scene



A view of the Kitchen in the "Hillcrest"



A view of the Living Room in the "Glendale"



A view of the Kitchen in the "Lakewood"



A view of the Bed Room in the "Orleans"

Lakeside Cottages

NOTE—All Lakeside Cottages can be made into permanent all-year-round buildings by adding any of the inside wall finishes offered on preceding pages



The "BEACHVIEW"

ONE ROOM COTTAGES WITHOUT PARTITIONS
"CELLU-SEAL" INSULATOR LINED

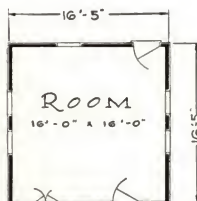
Make your own partition plan and we will gladly
quote extra cost of same



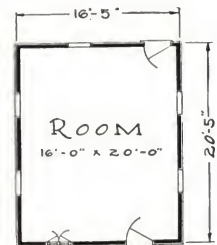
Plan No. **38-A-200**, size, 12'5"x
16'6". One Room—No. 1 Out-
side Wall, "CELLU-SEAL"
Insulator Lined.....\$273.00



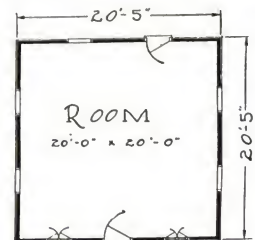
Plan No. **38-A-201**, size, 12'5"x
20'5". One Room—No. 1 Out-
side Wall, "CELLU-SEAL"
Insulator Lined.....\$312.00



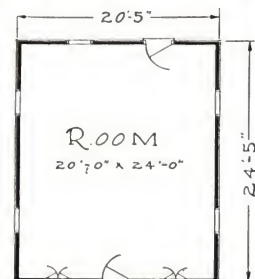
Plan No. **38-A-202**, size, 16'5"x
16'5". One Room—No. 1 Out-
side Wall, "CELLU-SEAL"
Insulator Lined.....\$351.00



Plan No. **38-A-203**, size, 16'5"x
20'5". One Room—No. 1 Out-
side Wall, "CELLU-SEAL"
Insulator Lined.....\$400.00



Plan No. **38-A-204**, size, 20'5"x
20'5". One Room—No. 1 Out-
side Wall, "CELLU-SEAL"
Insulator Lined.....\$471.00



Plan No. **38-A-205**, size, 20'5"x
24'5". One Room—No. 1 Out-
side Wall, "CELLU-SEAL"
Insulator Lined.....\$527.00

What do we live for? All year long we work hard, looking forward to the few weeks in the year when we can forget all business worries and get out in the great outdoors.

Why not make your Summer months still more enjoyable—pick out a nice shady spot at a Lake near enough so you can come out over Saturday or Sunday or better still, select one of these Beach View Cottages and move your family out for the summer?

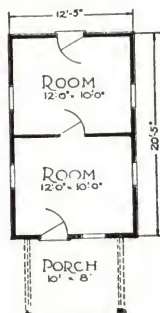
Our low prices are within everyone's reach. Why bother with engaging architects, carpenters, buying lumber, painting, etc., and endless other worries? Handy men can erect these buildings.

These cottages are furnished in No. 1 Outside Wall only, "CELLU-SEAL" INSULATOR LINED, and without partitions—this is done to enable you to build in the partitions the way you want. All wall sections are interchangeable, so you can arrange the doors and windows wherever wanted, according to how you will build the partitions. We will gladly quote on any inside wall if wanted.

The construction and material of Beach View Cottages is the same as all Cottages.

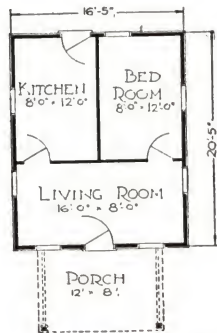
Lakeside Cottages

NOTE—All Lakeside Cottages can be made into permanent all-year-round buildings by adding any one of the inside wall finishes offered and explained on previous pages.



The "SHOREWOOD"

Plan No. 38-A-160. Size, 12'5"x20'5".
Two Rooms.
No. 1 Outside Wall, "CELLU-SEAL"
Insulator Lined.....\$355.00
Porch, size 10'x8', extra..... 56.00



The "SHOREWOOD"

Plan No. 38-A-161. Size, 16'5"x20'5".
Three Rooms.
No. 1 Outside Wall, "CELLU-SEAL"
Insulator Lined.....\$459.00
Porch, size 12'x8', extra..... 67.00

The "SHOREWOOD" "Cellu-Seal" Insulator Lined

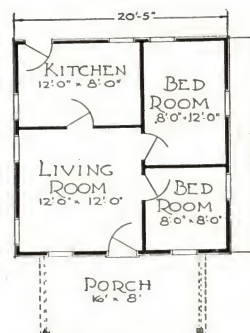
The "Shorewood" is the ideal cottage—economical, attractive, and simplicity itself when it comes to erection. While all "Cellu-Seal" Cottages are designed of uniform units and are easy to erect, it is hardly possible for any building to be erected easier than the "Shorewood."

A season's rent will frequently pay for its cost and the house is your own to do with as you please. Can be had in two rooms and larger, with and without porch as may be desired.

"Shorewood" Cottages are carried in stock, ready for immediate shipment with No. 1 Outside Wall, but can be had in any other style of outside and inside wall furnished. Porches, when ordered, are furnished by us all made up, ready to put together and consist of porch floor, porch roof, porch columns and guaranteed slate surfaced roofing, same as furnished for the houses.

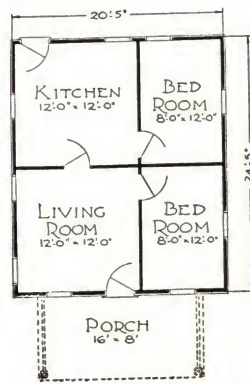
Construction and material is identical in all Cottages, in quality, grade and manufacture. These buildings are known for their high quality material—no matter how large or small.

Other styles and sizes made to order at proportionally low prices—send sketch.



The "SHOREWOOD"

Plan No. 38-A-162. Size, 20'5"x20'5".
Four Rooms.
No. 1 Outside Wall, "CELLU-SEAL"
Insulator Lined.....\$540.00
Porch, size 16'x8', extra..... 89.00



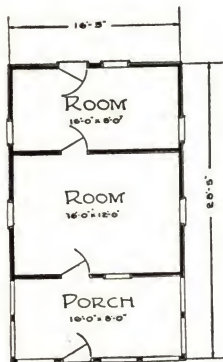
The "SHOREWOOD"

Plan No. 38-A-163. Size, 20'5"x24'5".
Four Rooms.
No. 1 Outside Wall, "CELLU-SEAL"
Insulator Lined.....\$615.00
Porch, size 16'x8', extra..... 89.00

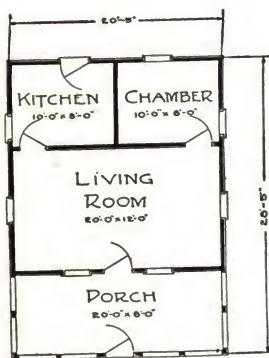
Lakeside Cottages

With Galvanized Screened Porches

NOTE—All Lakeside Cottages can be made into permanent all-year-round buildings by adding any of the inside wall finish offered and explained on previous pages.



The "GLENDALE"
Plan No. 38-A-172. Size 16'5"x
28'5". Two rooms and screened
living porch.



The "GLENDALE"
Plan No. 38-A-173. Size 20'5"x
28'5". Three rooms and screened
living porch.

The "GLENDALE" "Cellu-Seal" Insulator Lined

For real economy the "Glendale" series of cottages takes the lead. These charming cottages have really been planned with the idea of making the porch a room like the rest of the house, and still be a porch. The economy in these cottages is not only in price, but in labor to erect. The porch is under the same roof as the house, making it easy for inexperienced men to erect, and make a perfect job.

The galvanized porch screens and the combination screen and storm door are all included in our price. The porch sections are made up of interchangeable panels, same as the walls of the rest of the building.

Our price includes Wooden Ceiling Panels regularly furnished for the porch regardless of the kind of wall selected. This adds much to its appearance and helps keep the porch cooler and more comfortable.

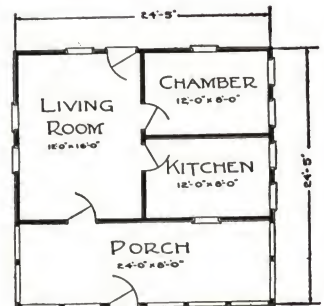
Easily understood blue prints to assist you in laying out your foundation, whether it be of posts or concrete, are furnished immediately on receipt of your order, so that when the cottage arrives—"PRESTO" and in a few days it is ready to occupy.

	Plan No. 38-A-172	Plan No. 38-A-173	Plan No. 38-A-174	Plan No. 38-A-175
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined...	\$588.00	\$697.00	\$739.00	\$1247.00
No. 2 Outside Wall.....	600.00	711.00	754.00	1270.00
No. 3 Outside Wall.....	570.00	676.00	717.00	1210.00
No. 4 Outside Wall.....	669.00	790.00	835.00	1372.00

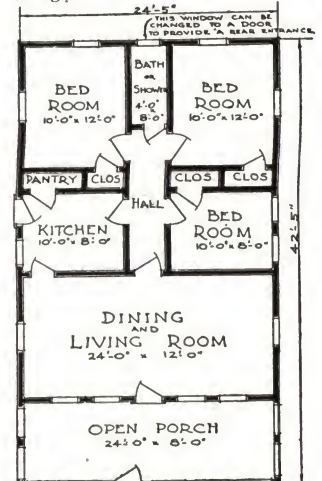
Add extra for Inside Walls:

Style "A" Inside Wall....	\$115.00	\$139.00	\$141.00	\$275.00
Style "AP" Inside Wall....	108.00	131.00	133.00	257.00

For detailed descriptions of Wall Finishes, see preceding pages.



The "GLENDALE"
Plan No. 38-A-174. Size 24'5"x
24'5". Three rooms and screened
living porch.



The "GLENDALE"
Plan No. 38-A-175. Size 24'5"x
42'5". Five rooms, bath, pantry,
closets and screened living porch.

Lakeside Cottages

With Screened Porches and Sun Parlors

All Lakeside Cottages can be made into permanent all-year-round buildings by adding any of the inside wall finish offered and explained on previous pages.



The "EDGEBROOK"
"CELLU-SEAL" Insulator Lined

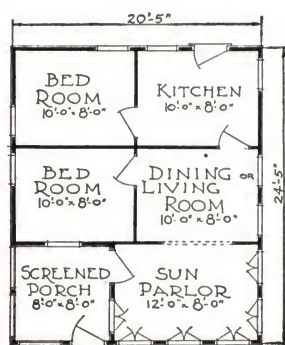
Here is really an ideal cottage either for lakeside summer cottage or for permanent use. Because of the fact that the screened porch is under the same roof as the house, it is very simple to erect and when erected, means a good job, strong, pleasing in appearance, and practical in every respect.

Instead of a screened porch across the entire front, a Sun Parlor and Screened Porch, both, have been provided. These cottages can be made real, comfortable permanent homes by selecting the proper type of inside wall. See pages preceding.

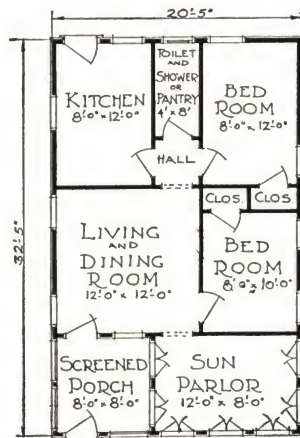
Our price includes galvanized wire screens and Combination Storm and

Screen Door for porch. Screens for Sun Parlor windows are not included but can be furnished at small additional cost. See page of accessories in this section for prices.

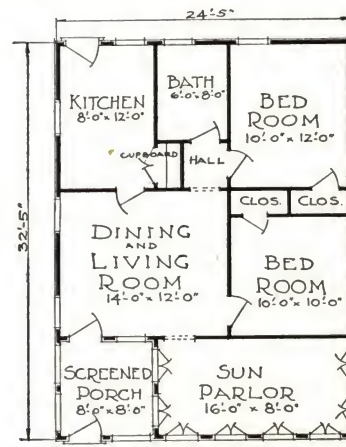
Although this cottage includes Sun Parlor and Screened Porch, all these items are a part of our regular unit system, and as far as erection is concerned, it is just as easy to build this house with these attractive conveniences as it would be to put up merely blank walls—not so with the old time hand construction by day labor, is it? "Sun Parlor," "Screened Porch," when you are building means big expense.



The "EDGEBROOK"
Plan No. 38-A-231. Size 20'5" x 24'5".
Four Rooms, Sun Parlor, Screened
Living Porch.



The "EDGEBROOK"
Plan No. 38-A-232. Size 20'5" x 32'5".
Four Rooms, Sun Parlor, Toilet or Shower,
Closets, and Screened Living Porch.



The "EDGEBROOK"
Plan No. 38-A-233. Size 24'5" x 32'5".
Six Rooms, including Sun Parlor and Screened
Living Porch, Bath, Cupboard and Closets.

	Plan No. 38-A-231	Plan No. 38-A-232	Plan No. 38-A-233
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$709.00	\$900.00	\$1038.00
No. 2 Outside Wall.....	723.00	918.00	1058.00
No. 3 Outside Wall.....	688.00	873.00	1007.00
No. 4 Outside Wall.....	790.00	992.00	1141.00
Add extra for Inside Walls:			
Style "A" Inside Wall.....	\$147.00	\$206.00	\$245.00
Style "AP" Inside Wall.....	138.00	194.00	216.00

For detailed descriptions of Wall Finishes, see preceding pages.

Lakeside Cottages

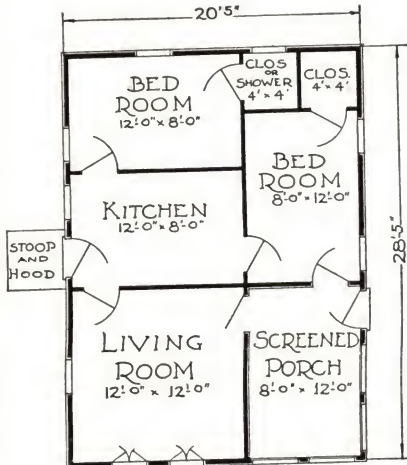
With Galvanized Screened Living Porches

NOTE—All Lakeside Cottages can be made into permanent all-year-round buildings by adding any of the inside wall finishes offered and explained on previous pages.



The "GENEVA"

"Cellu-Seal" Insulator Lined



The "GENEVA"

Plan No. **38-A-237**. Size 20'5" x 28'5". Four rooms, closets or shower and 16'x8' screened porch. Kitchen stoop and hood.

No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$774.00
No. 2 Outside Wall.....	790.00
No. 3 Outside Wall.....	751.00
No. 4 Outside Wall.....	873.00

Add extra for Inside Walls:

Style "A" Inside Wall.....	\$165.00
Style "AP" Inside Wall.....	154.00

For detailed description of Wall Finishes see preceding pages.

"Seizing the wonderful lamp, Aladdin rubbed it briskly.

"'Build me a palace instantly,' he cried, as the genie appeared. Bowing low, the latter was about to deliver the goods when Aladdin reconsidered.

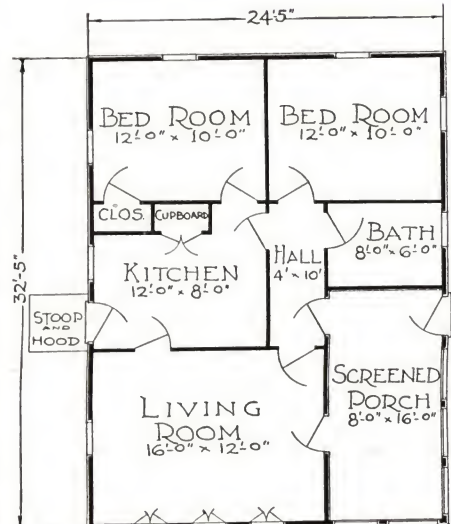
"'No, on second thought, don't,' he said. 'Bring me instead Six-Room Portable Bungalow No. 237, all parts plainly numbered, see Catalog. It will be easier to put it up than to rub the lamp.'"

Almost as true as the mythical story above, these Cottages are so completely fabricated at our modern factory that there is very little left for you to do. You don't have to follow complicated blue prints—merely use common sense; a hammer, wrench, level and square, and follow directions, and your cottage can go up in "jig" time.

The screened living porch on this house is regularly furnished with wooden ceiling panels overhead regardless of the type of inside or outside wall you may specify on your order. Galvanized wire porch screens and screen door are included in our price.

In Plan No. 237 one of the closets can be changed to a shower and by substituting an outside door, instead of the window, you won't have to walk through the house when you come from the beach.

Plan No. 238 provides a good size bathroom and a larger screened porch. The hall gives access to the right hand bedroom without going through the rest of the cottage, enabling you to use this room for renting out or for guests.



The "GENEVA"

Plan No. **38-A-238**. Size 24'5" x 32'5". Four rooms, Bath, Closet, Cupboard, and 16'x8' Screened Porch. Kitchen Stoop and Hood.

No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$1038.00
No. 2 Outside Wall.....	1059.00
No. 3 Outside Wall.....	1007.00
No. 4 Outside Wall.....	1156.00

Add Extra for Inside Walls:

Style "A" Inside Wall.....	\$220.00
Style "AP" Inside Wall.....	201.00

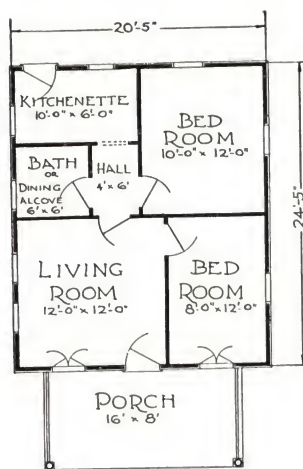
For detailed description of Wall Finishes see preceding pages.

Lakeside Cottages

NOTE—All Lakeside Cottages can be made into permanent all-year-round buildings by adding any of the inside wall finish offered and explained on previous pages.



The "LAKEWOOD"
"CELLU-SEAL" Insulator Lined



The "LAKEWOOD"
Plan No. **38-A-180**
Size 20'5" x 24'5"

Four Rooms, Dining Alcove and Porch size 16'x8'.
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....**\$710.00**
No. 2 Outside Wall.....**725.00**
No. 3 Outside Wall.....**689.00**
No. 4 Outside Wall.....**795.00**
Add extra for Inside Walls:
Style "A" Inside Wall.....**\$172.00**
Style "AP" Inside Wall.....**160.00**

For detailed description of Wall Finishes see preceding pages.

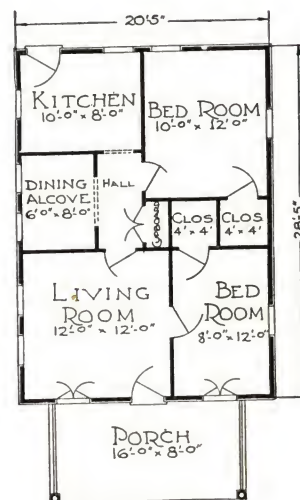
The broad and spacious porch is the outstanding feature of this series of cottages—at a small extra cost the porch can be screened and made into a neat living porch.

Don't overlook the floor plans—ideally laid out. In Plan No. 181, the Dining Alcove can be used for a bathroom or shower by closing up the cased opening with a door section.

The good size bedroom closets and the cupboard cabinet off the hall, as well as the general compactness of these plans will satisfy the "Missus"—and that's the main thing.

Remember, these cottages are completely fabricated here in our factory and each section is rigidly inspected before it goes out. No delays—you get a complete house when you want it at a price which means a saving to you.

Anyone who has a reasonable understanding of building construction and can keep the work level, plumb and square, will have no difficulty in erecting this building complete with the assistance of two or three helpers in not over three or four days' time.



The "LAKEWOOD"
Plan No. **38-A-181**
Size 20'5" x 28'5"

Four Rooms, Dining Alcove, Cupboard Two Closets and Porch, size 16'x8'.
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....**\$812.00**
No. 2 Outside Wall.....**829.00**
No. 3 Outside Wall.....**788.00**
No. 4 Outside Wall.....**899.00**
Add extra for Inside Walls:
Style "A" Inside Wall.....**\$201.00**
Style "AP" Inside Wall.....**182.00**

For detailed description of Wall Finishes see preceding pages.

Lakeside Cottages

NOTE—All Lakeside Cottages can be made into permanent all-year-round buildings by adding any of the inside wall finish offered and explained on previous pages.



The "HILLCREST"
"CELLU-SEAL" Insulator Lined

Here is another idea of the screened porch made into a Dining Porch. The cottage can be faced toward the lake, either from the end or side, thereby giving you a view of the lake from both ways.

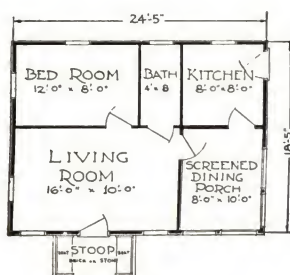
The front stoop should be of concrete, brick, or stone, nicely laid, which will add to the attractiveness of the entrance. We can furnish a wood stoop, if wanted, at a slight extra cost.

The seats are not included but can be furnished by us, made of 2" dimension lumber, knocked down, and can be quickly assembled at an additional cost of \$12.50 each. The

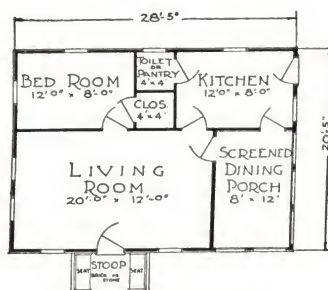
canopy over the stoop forms a continuation of the main roof and is supported by the massive brackets.

The kitchens in these plans are small but just the right size—"you don't need a large kitchen" when you are out on a vacation.

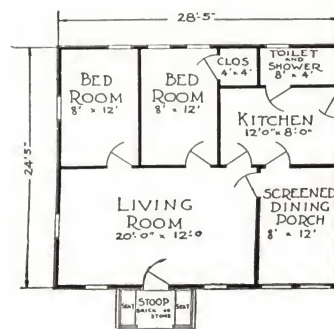
Remember—our Construction is standardized—all units are produced in quantities and are uniform. Workmen specialize on one certain kind of section and become proficient in their work. In addition to this, every section is rigidly inspected before it leaves the factory.



The "HILLCREST"
Plan No. **38-A-220**. Size 24'5"x18'5"
Three Rooms, Bath and Screened Dining Porch.



The "HILLCREST"
Plan No. **38-A-221**. Size 28'5"x20'5"
Three Rooms, Closets and Screened Dining Room.



The "HILLCREST"
Plan No. **38-A-222**. Size 28'5"x24'5"
Four Rooms, Bath, Closet and Screened Dining Porch.

	Plan No. 38-A-220	Plan No. 38-A-221	Plan No. 38-A-222
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$611.00	\$747.00	\$863.00
No. 2 Outside Wall.....	624.00	762.00	870.00
No. 3 Outside Wall.....	593.00	725.00	837.00
No. 4 Outside Wall.....	695.00	841.00	969.00
Add extra for Inside Walls:			
Style "A" Inside Wall.....	\$132.00	\$163.00	\$189.00
Style "AP" Inside Wall.....	123.00	150.00	166.00

For detailed description of Wall Finishes, see preceding pages.

Harris Patented UNIT-MADE Permanent Bungalows



The "KENILWORTH"

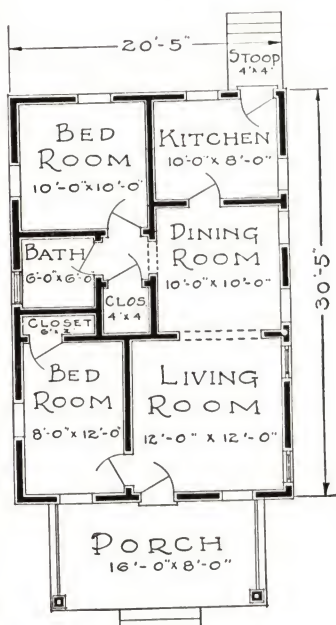
The floor plans of the "Kenilworth" Design are both provided with plenty of closet space. Plan No. 250 provides for a good size closet off the hall adjoining the Dining Room so as not to break up the back bedroom. This plan has five good size rooms with every bit of space utilized.

The Living Room has two half casement windows "up high," so that a fireplace or mantel can be built between the windows and bookcases along the sides.

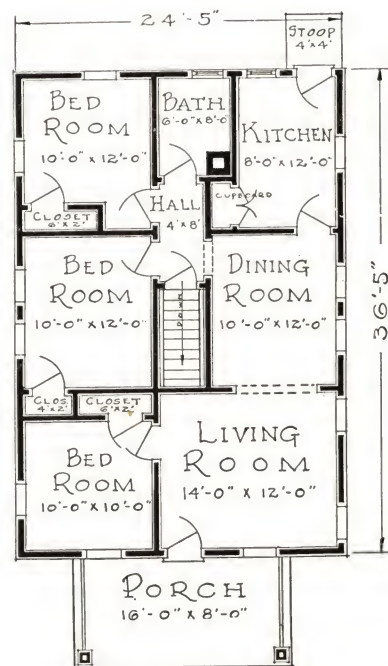
Plan No. 251 has six good size rooms with plenty of closets and a handy kitchen cupboard. This cupboard is furnished with shelves and a place below for storing cooking utensils.

The material for the inside cellar stairs for this plan consisting of stair stringers and step treads, cut-to-fit, is furnished ready to be nailed in place on the job. Both plans are furnished with a rear stoop and hood.

A handy carpenter and four helpers should experience no difficulty in assembling either one of these cottages in four or five days. These cottages are as complete as can be manufactured and shipped, leaving practically no carpenter work to be done on the job.



THE "KENILWORTH"
Plan No. **38-A-250**, Size, 20'5"x30'5",
Five Rooms, Bath, Closets, Front Porch
and Rear Stoop.



THE "KENILWORTH"
Plan No. **38-A-251**, Size, 24'5"x36'5",
Six Rooms, Bath, Closets, Front Porch
and Rear Stoop.

	Plan No. 38-A-250	Plan No. 38-A-251
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$878.00	\$1163.00
No. 2 Outside Wall.....	\$95.00	1186.00
No. 3 Outside Wall.....	\$51.00	1128.00
No. 4 Outside Wall.....	\$968.00	1274.00
Add extra for Inside Walls:		
Style "A" Inside Wall.....	\$194.00	\$269.00
Style "AP" Inside Wall.....	178.00	242.00

For detailed description of Wall Finishes, see preceding pages.

Harris Patented UNIT MADE Permanent Bungalows



The "WINONA"

For needs of industrial corporations who provide better homes for their employees we have developed the cottages shown on this page. Of course, any design shown in this book is adaptable for the same purpose, but these cottages are planned for economy, not only in the original cost of the building but in the assembling.

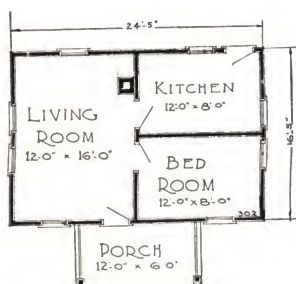
For example—Plan No. 302, three room cottage, can be erected by three inexperienced workmen in two days. Just think of the saving.

These Industrial Cottages have been purchased in large quantities by such well-known companies as the

Illinois Steel Co.
Universal Portland Cement Co.
The Steel and Tube Co. of America.
Wayne Coal Co.
The Short Creek Coal Co.

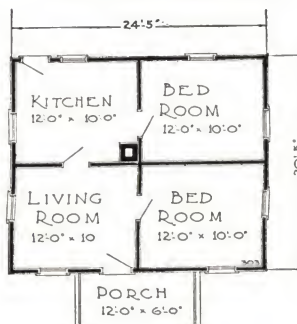
Many different types of wall finishes can be used—for Industrial Cottages the combination of No. 1 Outside Wall and Style "A" Inside Wall is most desirable.

Other styles and sizes to order at proportionally low prices—send sketch



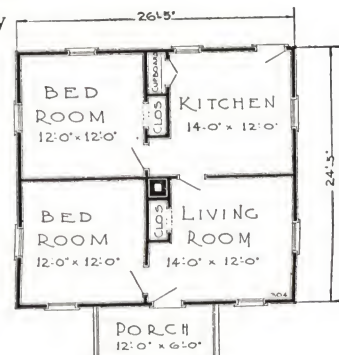
The "WINONA"

Plan No. **38-A-302**. Size 24'5"x16'5".
Three Rooms, Porch 12'x6'.



The "WINONA"

Plan No. **38-A-303**. Size 24'5"x20'5".
Four Rooms, Porch 12'x6'.



The "WINONA"

Plan No. **38-A-304**. Size 26'5"x24'5".
Four Rooms, Closets and Cupboard, Porch 12'x6'.

	Plan No. 38-A-302	Plan No. 38-A-303	Plan No. 38-A-304
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$554.00	\$650.00	\$801.00
No. 2 Outside Wall.....	565.00	663.00	817.00
No. 3 Outside Wall.....	537.00	631.00	777.00
No. 4 Outside Wall.....	626.00	731.00	899.00
Add extra for Inside Walls:			
Style "A" Inside Wall.....	\$117.00	\$142.00	\$186.00
Style "AP" Inside Wall.....	109.00	130.00	166.00

For detailed description of Wall Finishes, see preceding pages.

Harris Patented UNIT MADE Permanent Bungalows



The "BERKLEY"

Here is a truly charming California Bungalow and not only does this apply to the exterior but the floor plans as well—a point frequently lacking in the average bungalow.

Here are plans of five room houses with good size bath, and two large closets in each house, large enough to be used as dressing closets. The wide cased opening between the Dining Room and Living Room permits these two rooms to be used practically as one and gives a stretch of floor space 20 feet long.

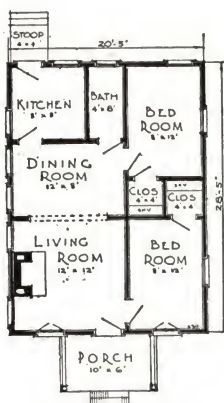
The front view with its handsome, bungalow door, Porch and flower

boxes, all add to the attractive appearance of the house.

The exterior of this house is shown with shingles which can be furnished instead of the beveled siding specified for No. 4 outside wall.

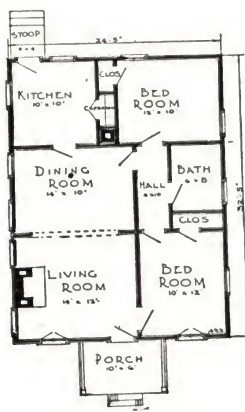
This is a simple house to erect. The sections go together easily as do all our unit made houses, the absence of complicated interior and porch arrangement simplifies the matter still more. Three men should have no difficulty in erecting this design above the foundation in four days.

Price includes porch as shown, also rear stoop and hood.



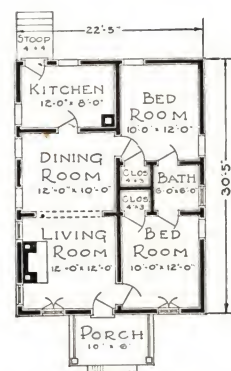
The "BERKLEY"

Plan No. **38-A-430**. Size 20'5"x28'5".
Five Rooms, Bath, Closets, Front Porch
Rear Stoop and Hood.



The "BERKLEY"

Plan No. **38-A-432**. Size 24'5"x32'5".
Five Rooms, Bath, Closets, Cupboard, Front
Porch, Rear Stoop and Hood.



The "BERKLEY"

Plan No. **38-A-433**. Size 22'5"x30'5".
Five Rooms, Bath, Closets, Front Porch,
Rear Stoop and Hood.

	Plan No. 38-A-430	Plan No. 38-A-432	Plan No. 38-A-433
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined....	\$ 798.00	\$1011.00	\$ 885.00
No. 2 Outside Wall.....	814.00	1031.00	903.00
No. 3 Outside Wall.....	774.00	980.00	859.00
No. 4 Outside Wall.....	888.00	1117.00	965.00
Add extra for Inside Walls:			
Style "A" Inside Wall.....	\$ 179.00	\$ 231.00	\$ 197.00
Style "AP" Inside Wall.....	165.00	208.00	183.00

For detailed description of Wall Finishes, see preceding pages.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

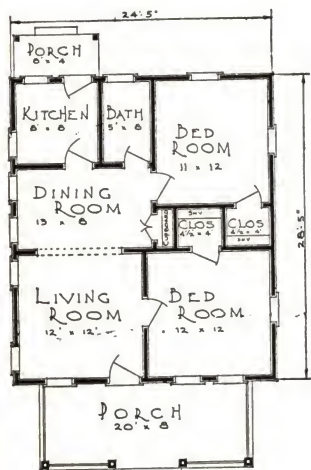
Harris Patented UNIT MADE Permanent Bungalows



The "MEDFORD"



A Portion of a Row of "Medford" Houses Erected by an Ohio Coal Co.



The "MEDFORD"

Plan No. **38-A-500**. Size 24'5" x 28'5".
Five Rooms, Bath, Closets, Cabinet.
Front Porch—20'x8'.
Rear Porch—8'x4'.

Although the "Medford" was specially designed for the needs of large, up-to-date industrial corporations who provide better class of homes for their men, it will make an ideal farm house, also an ideal suburban home. A modern, roomy and attractive semi-bungalow type of cottage. It is truly "The Wonder Building of the Age."

It has been sold throughout the southern part of the country to oil operators, who have erected them on their leases and realized the advantage of a high quality house that can be taken down and moved to new locations. Note the illustration of a row of "Medford" Houses erected by a well-known Ohio Coal Company.

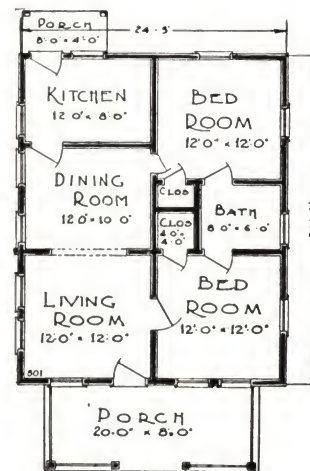
The front porch can easily be screened and makes an ideal dining porch or sleeping room. The merits of the floor plan need not be described. One can see at a glance the practical arrangements of rooms, without any waste of space.

	Plan No. 38-A-500	Plan No. 38-A-501
No. 1 Outside Wall, "Cellu-Seal"		
Insulator Lined.....	\$ 989.00	\$1005.00
No. 2 Outside Wall.....	1009.00	1025.00
No. 3 Outside Wall.....	959.00	975.00
No. 4 Outside Wall.....	1085.00	1104.00

Add extra for Inside Walls:

Style "A" Inside Wall.....	\$ 204.00	\$ 207.00
Style "AP" Inside Wall.....	184.00	192.00

For detailed description of Wall Finishes see preceding pages.



The "MEDFORD"

Plan No. **38-A-501**. Size 24'5" x 30'5".
Five Rooms, Bath, Closets.
Front Porch—20'x8'.
Rear Porch—8'x4'.

Harris Patented UNIT MADE Permanent Bungalows



The "NORWOOD"

It is needless for us to go into any description of the two plans of the "Norwood" design shown below. They have been designed with the thought of utilizing every bit of space.

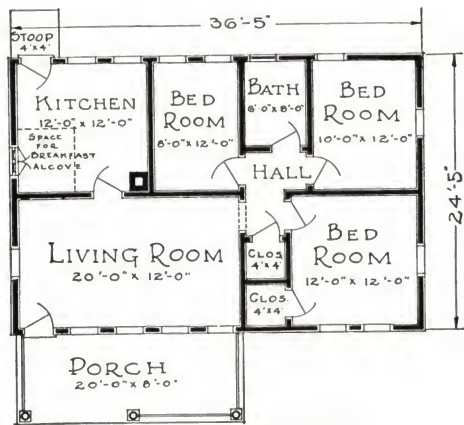
In Plan No. 450, the bedroom adjoining the kitchen can be made into a dining room if three bedrooms are not needed. The kitchen of this plan is unusually large, providing a space for breakfast alcove if wanted.

The larger size, Plan No. 451, has every convenience that could be expected in a modern bungalow, plenty of closets are provided for and the cellar steps including stringers and treads cut, are all included in our price.

Both bathrooms have small half-size casement sash, that are hinged to swing in. This cottage is shown with No. 4 Outside Wall, but any other type of wall finish can be adapted.

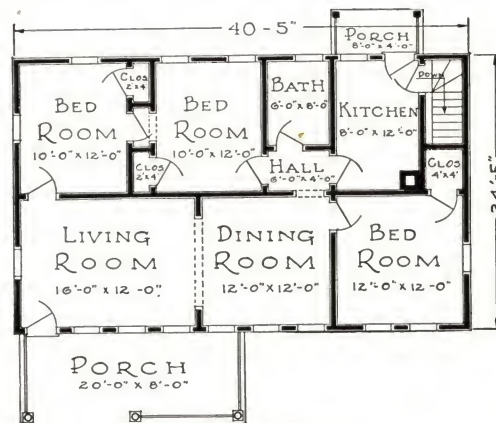
For a permanent bungalow, we recommend the combination of No. 4 Outside Wall and Style "AP" Inside Wall which is fully described in the preceding pages.

One handy carpenter with about four helpers should have no difficulty in assembling this house above the foundation in four or five days. When you compare this with the usual sixty days to complete a home, you can quickly see where the saving is made.



The "NORWOOD"

Plan No. 38-A-450. Size, 36'5"x24'5".
Five rooms, Bath, Closets, Front Porch and Rear Stoop.



The "NORWOOD"

Plan No. 38-A-451. Size, 40'5"x24'5".
Six rooms, Bath, Closets, Cellar Stairs, and Front and Rear Porches.

	Plan No. 38-A-450	Plan No. 38-A-451
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$1159.00	\$1336.00
No. 2 Outside Wall.....	1183.00	1363.00
No. 3 Outside Wall.....	1124.00	1296.00
No. 4 Outside Wall.....	1268.00	1452.00
Add extra for Inside Walls:		
Style "A" Inside Wall.....	\$247.00	\$282.00
Style "AP" Inside Wall.....	227.00	257.00

For detailed description of Wall Finishes, see preceding pages.

Harris Patented UNIT MADE Permanent Bungalows



The "ORLEANS"

You will marvel at this being a Sectional House. This hip-roof Bungalow is built under our unit made system and in addition to the regular hip-roof construction, used on an ordinary house, such as built under old methods, it has the patented Norch-Lock trusses that support the roof so strongly that it cannot sag with the heaviest snow load.

Hip Roofs with "Norch-Lock" trusses are much superior to ordinary hip-roof construction.

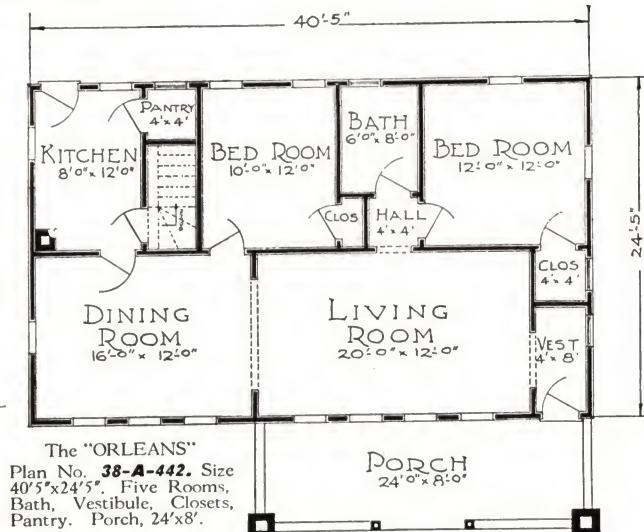
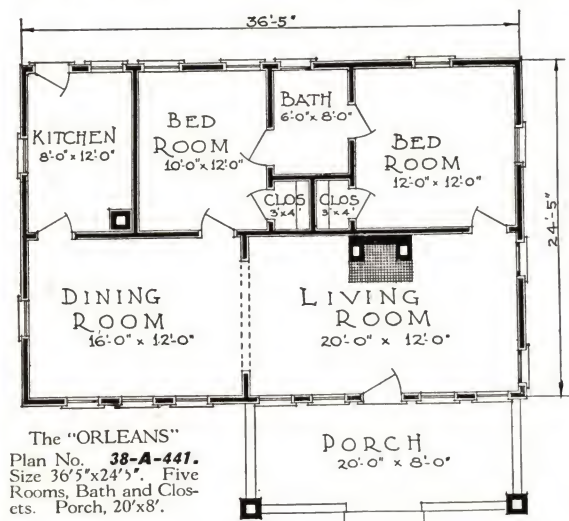
The porch and foundation, if a foundation is to be built, are intended to be of native stone, and if this is available it should be used so that the finished house will be just like the picture. Our price does not include cement porch floor or stone columns as illustrated. To add to the attractiveness of the bungalow these should be built. However, we can furnish wooden floor sections, columns, and railing at an extra cost.

The floor plans are fine—large living room, dining room, pantry,

kitchen, bathroom and two bedrooms. This ought to be Mrs. Newlywed's heart's desire, even if there are only sufficient funds on hand to order it in No. 1 outside wall. Improvements can always be made later when time and money are more plentiful.

This house should be ready to move into in four or five days after you receive the material if you have three men of good, ordinary intelligence to do the work.

Can't you imagine how easy it is to screen in this porch and what a comfortable place to spend time outdoors? On No. 442 two 8'x8' square wooden columns are supplied to hold up the porch beam. Material for inside cellar stairs on plan 442, consisting of stair stringers cut, step treads cut, but to be nailed together on the job is included in our price. 4'x4' rear stoop and hood as shown on the illustration is included in both plans.



	Plan No. 38-A-441	Plan No. 38-A-442
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$1077.00	\$1236.00
No. 2 Outside Wall.....	1088.00	1251.00
No. 3 Outside Wall.....	1035.00	1199.00
No. 4 Outside Wall.....	1161.00	1337.00
Add extra for Inside Walls:		
Style "A" Inside Wall.....	\$ 252.00	\$ 271.00
Style "AP" Inside Wall.....	236.00	249.00

For detailed description of Wall Finishes, see preceding pages.

Other styles and sizes to order at proportionately low prices.

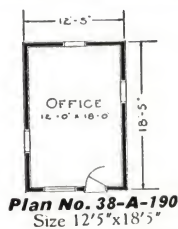
Send sketch.

Harris Patented UNIT MADE Office Buildings

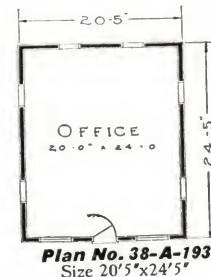


FOR
REAL ESTATE OFFICES
GASOLINE FILLING STATIONS
SMALL STORES AND CONSTRUCTION OFFICES

Very desirable for Real Estate Offices. When all property has been sold and the building has served its purpose, it can easily be taken down and re-erected at a new location with practically no loss. In the old way of building, you were fortunate to realize 10 per cent of the cost in salvage. These buildings are furnished with large lights of Double Strength Glass, about 43"x48" for the office or front windows ready to fit into the opening in the section. Construction otherwise is regular, with floor, etc., as called for in our material specifications on preceding page. For Gasoline Stations the floor can be omitted should you prefer to put in a cement floor.



FOUR SIZES
TO
SELECT
FROM



	Plan No. 38-A-190	Plan No. 38-A-191	Plan No. 38-A-192	Plan No. 38-A-193
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$273.00	\$344.00	\$430.00	\$492.00
No. 2 Outside Wall.....	278.00	350.00	438.00	502.00
No. 3 Outside Wall.....	265.00	333.00	417.00	478.00
No. 4 Outside Wall.....	328.00	405.00	517.00	576.00
Add extra for Inside Walls:				
Style "A" Inside Wall.....	\$63.00	\$73.00	\$93.00	\$103.00
Style "AP" Inside Wall.....	58.00	67.00	86.00	96.00

For detailed description of wall finishes, see preceding pages.



Harris Patented UNIT MADE Churches and Community Buildings

Churches and community buildings are supplied with various kinds of inside and outside wall finishes as described on pages 84 and 85. Greater widths up to 32 ft. can now be furnished—tell us what you prefer.

The above is an actual photo of one of our Churches erected by the Norwood Park Baptist Church, Chicago. The Building Committee of this Church investigated other makes of sectional buildings before placing their order, and the excellent letter of recommendation received from them after the Chapel was completed further convinced us that these buildings are the solution to the church or community building problem for small communities.

	Plan No. 38-A-290 Size 24'5"x36'5" Vestibule 12'x8'	Plan No. 38-A-291 Size 24'5"x48'5" Vestibule 16'x8'	Plan No. 38-A-292 Size 24'5"x60'5" Vestibule 16'x8'
No. 1 Outside Wall, "Cellu-Seal" Insulator Lined.....	\$ 987.00	\$1231.00	\$1437.00
No. 2 Outside Wall.....	1007.00	1256.00	1467.00
No. 3 Outside Wall.....	957.00	1194.00	1394.00
No. 4 Outside Wall.....	1111.00	1367.00	1602.00
Add extra for Inside Walls:			
Style "A" Inside Wall.....	\$218.00	\$265.00	\$305.00
Style "AP" Inside Wall.....	209.00	253.00	291.00

For detailed description of wall finishes, see preceding pages.

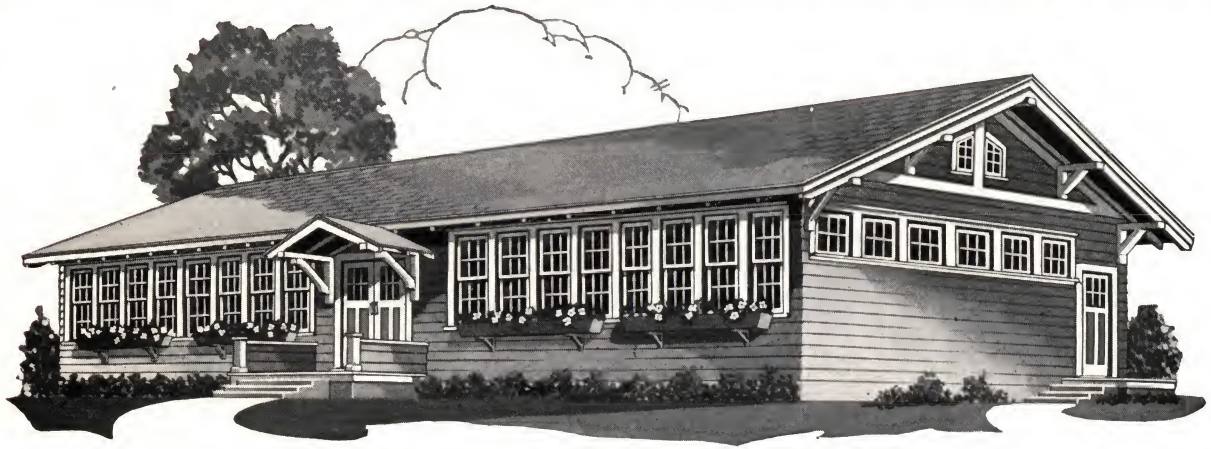


INTERIOR VIEW "VAULTED" or "ARCHED" CEILING—For Churches, Halls and Community Buildings, increasing ceiling height to 8'11".

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

HARRIS UNIT MADE SCHOOLHOUSES

Built to Comply with State School Building Code!



Two Room Harris Schoolhouse—Capacity 100 Pupils



*Two Room Harris Schoolhouse
Capacity 80 Pupils*



*Two Room Harris Schoolhouse
Capacity 80 Pupils*



*One Room Harris Schoolhouse
Capacity 40 Pupils*

STRONGEST CONSTRUCTION

PLENTY OF LIGHT AND AIR
TELL US WHAT YOU NEED
OUR EXPERTS WILL ASSIST YOU!

MANY districts have saved hundreds of dollars by erecting a Harris Patented UNIT-MADE SCHOOLHOUSE. An unexpected increase in pupils at the beginning of a term without building accommodations can easily be remedied with a Unit-Made school. Write us the size building you need and how many pupils to take care of and we will immediately send you plans and quotations and gladly assist in your problem.

Liberal Selling Plan

We will arrange terms to suit your requirements—Tell us how you wish to handle your payments and we will make satisfactory terms.

Erected by Our Experts

Erected by Our Experts. We will also contract to erect the schoolhouse if the building is to be built within fifty miles of Chicago. All work guaranteed and the building ready when you need it.

REFRESHMENT STANDS



REFRESHMENT STANDS

PATENTED UNIT MADE INSULATOR LINED

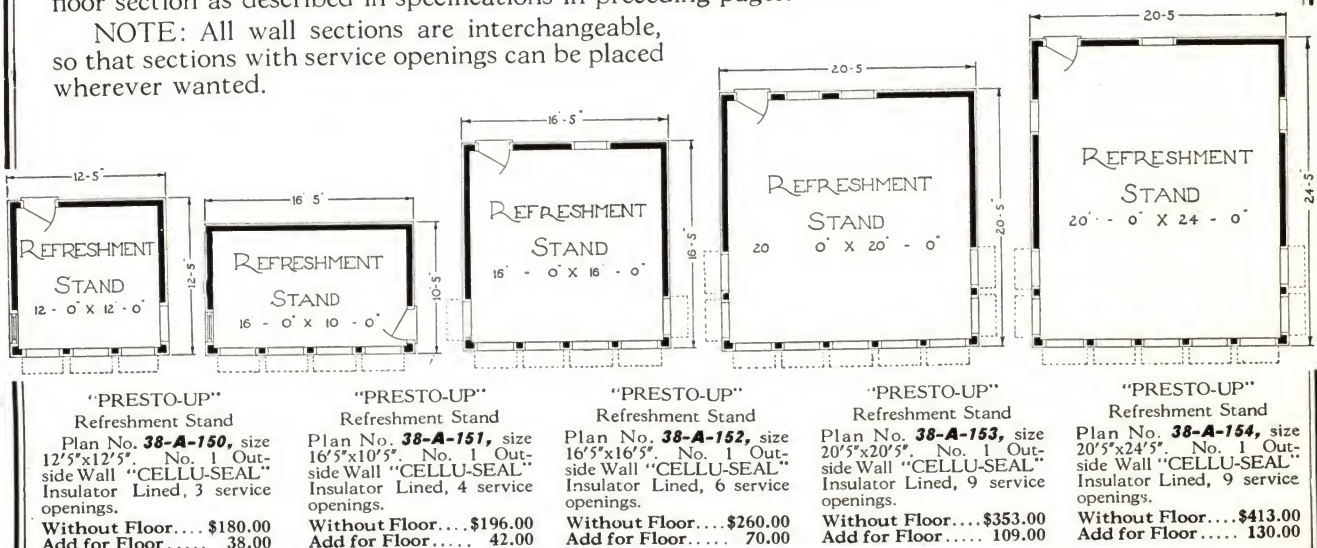
"HARRIS" Highway Refreshment Stands are the most practical buildings ever built for that purpose. A HARRIS UNIT-MADE Building can be taken down and re-erected as often as wanted, so that if the location does not prove successful—move it to some other place.

The illustration shows very clearly how the service openings are made. The canopy is supported by an iron bracket and drops down, while the shelf, also supported by brackets, folds up and the two meet and are fastened from the inside, showing a neatly paneled exterior wall when closed.

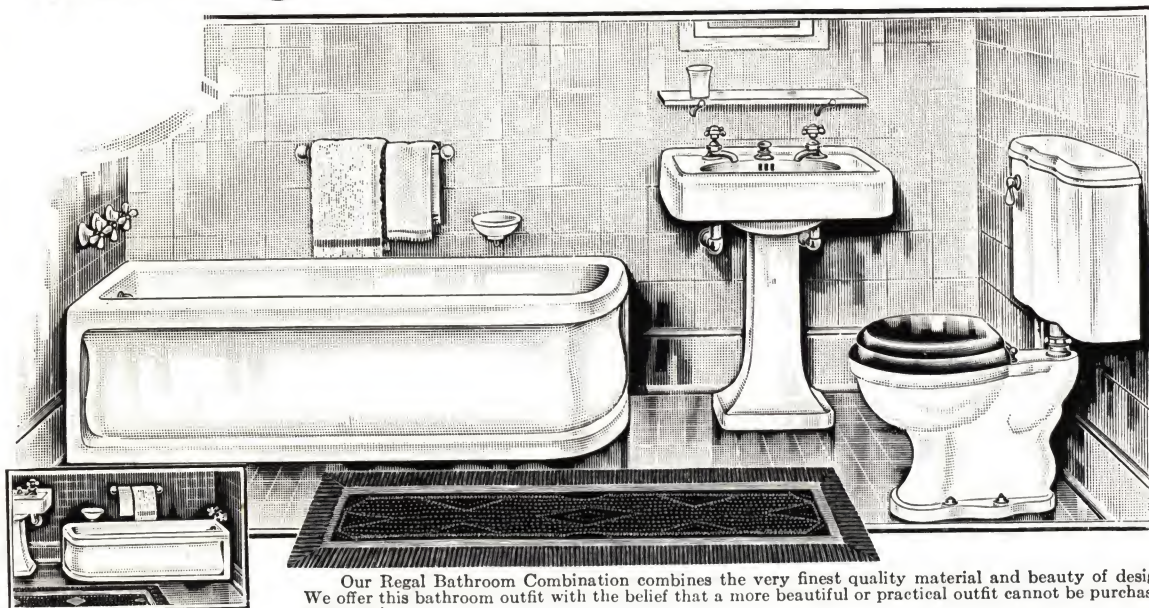
These buildings can be furnished with or without our regular Sectional Floors. Prices given below are for No. 1 Outside Wall only, but we will gladly quote on any type of Inside Wall if wanted. For description of other styles of in-and outside wall finishes see introductory pages of this section in this catalog.

FLOORS: Floors when ordered consist of 2x8 No. 1-YP joist spaced 16" on centers and regular floor section as described in specifications in preceding pages.

NOTE: All wall sections are interchangeable, so that sections with service openings can be placed wherever wanted.



The Regal Bathroom Combination



Our Regal Bathroom Combination combines the very finest quality material and beauty of design. We offer this bathroom outfit with the belief that a more beautiful or practical outfit cannot be purchased at any price.

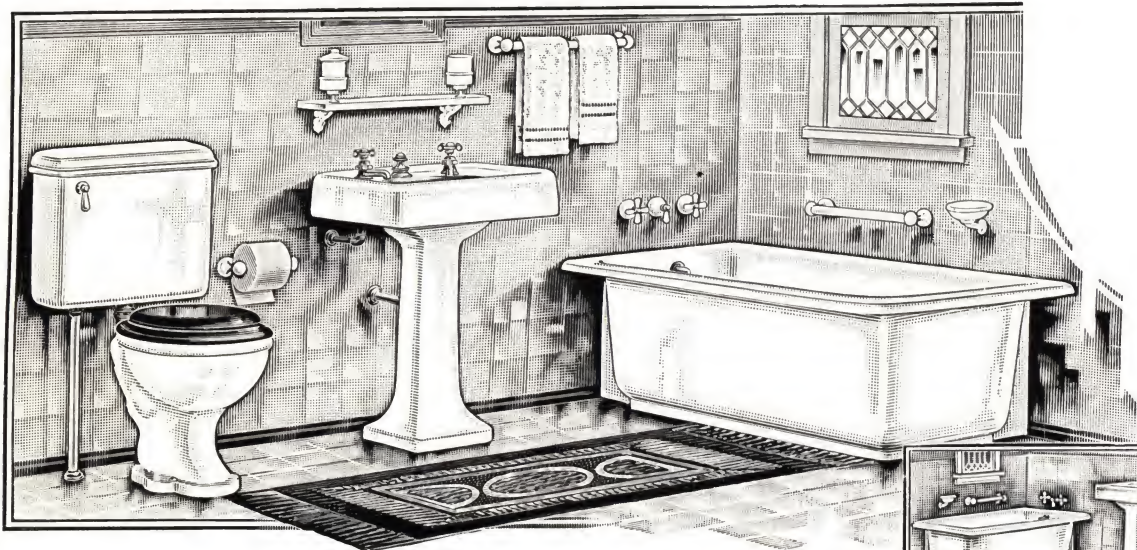
Pedestal lavatory designed with massive Colonial base and slab size 20 x 24 inches, 31 inches high. The base and slab are enameled with white porcelain enamel, furnished with nickel-plated Roman lifting waste and nickel-plated supply pipes, nickel-plated trap and cast brass nickel-plated faucets with white china handles, indexed hot and cold.

The closet outfit is furnished with a white vitreous china tank, fitted with compound ball cock and nickel-plated supply pipe, nickel-plated offset flush connection. Syphon jet silent action closet bowl, made of vitreous earthenware, fitted with heavily constructed closet seat, finished in a highly polished Mahogany, heavy nickel-plated bar hinge to attach seat direct to the bowl.

The bath tub is deep apron cornered type, 5 ft. long, cast in one piece of the finest quality gray cast iron, enameled inside and out. The back and one end of the tub are finished into the wall and the base is finished into the floor. The fittings furnished are of the concealed type built into the wall. The supply pipes and lifting waste are equipped with white china handles and escutcheons. The bath tub can be furnished for either right or left hand corner. Be sure to specify the style tub you desire when ordering this outfit.

5-A-1209. The Regal Bathroom Outfit, complete as described **\$145.00**

Duchess Bathroom Combination



Duchess Bathroom Combination assembled with utmost care to embody every necessary requirement for a modern bathroom outfit. The fixtures furnished are of the finest quality material and workmanship and we consider this outfit second only to our Regal Bathroom Outfit, in that the tub is the roll rim type instead of the deep apron. With this exception, the outfit is of the same high quality as the Regal Combination.

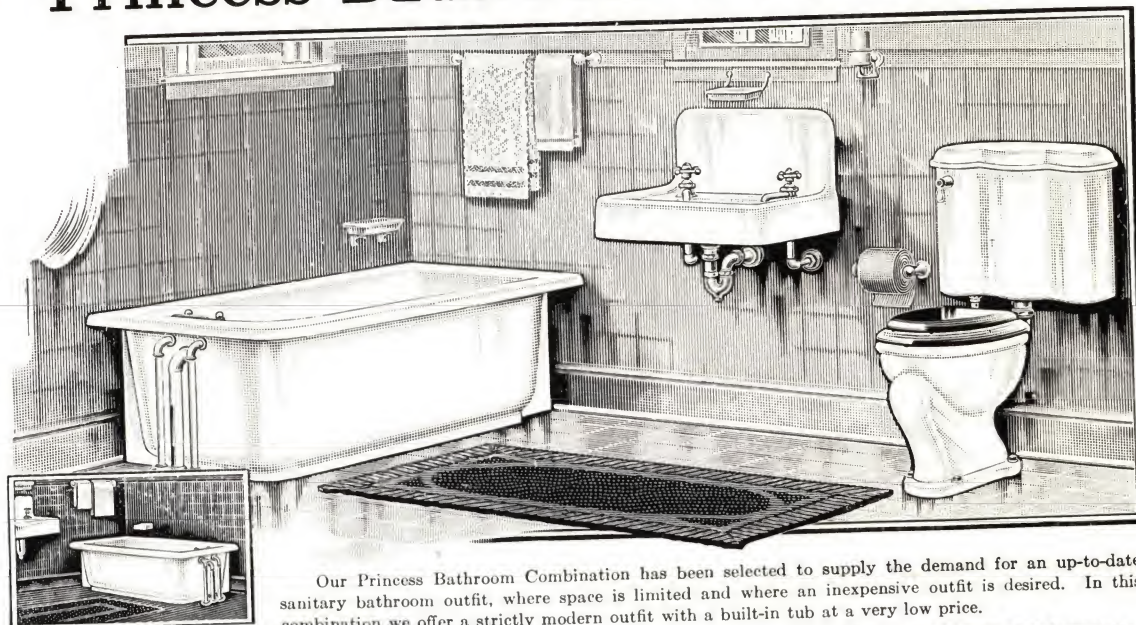
Pedestal Lavatory designed with Massive Colonial Base and Slab — 20 x 24 inches, 31 inches high. The base and slab are enameled with white porcelain enamel, furnished with nickel-plated Roman Lifting Waste and nickel-plated supply pipes, nickel-plated traps and cast brass nickel-plated faucets with white china handles, indexed hot and cold.

The closet outfit is furnished with a white vitreous closet tank fitted with compound ball cock and nickel-plated supply pipe, nickel-plated offset flush connection. Syphon jet silent action closet bowl, made of vitreous earthenware, fitted with heavily constructed closet seat, finished in a highly polished Mahogany, heavy nickel-plated bar hinge to attach seat direct to the bowl.

The bath tub is the roll rim corner type, 5 ft. long, cast in one piece of the finest quality gray cast iron, enameled inside and out with white porcelain enamel. The back and one end of the tub are finished into the wall and the base is finished into the floor. The fittings furnished are the concealed type built into the wall. The supply pipes and lifting waste are equipped with white china handles and escutcheons. Tub can be furnished for either right or left corner. Be sure to specify style tub you desire when ordering the outfit.

5-A-1210. The Dutchess Bathroom Outfit, complete as described **\$133.00**

Princess Bathroom Combination



Our Princess Bathroom Combination has been selected to supply the demand for an up-to-date sanitary bathroom outfit, where space is limited and where an inexpensive outfit is desired. In this combination we offer a strictly modern outfit with a built-in tub at a very low price.

The lavatory is of Colonial design, straight front, deep apron type, size 18 x 24 inches. The fittings consist of nickel-plated faucets with crossed handles, indexed for hot and cold water, nickel-plated brass supply pipes to the wall and nickel-plated brass "P" trap.

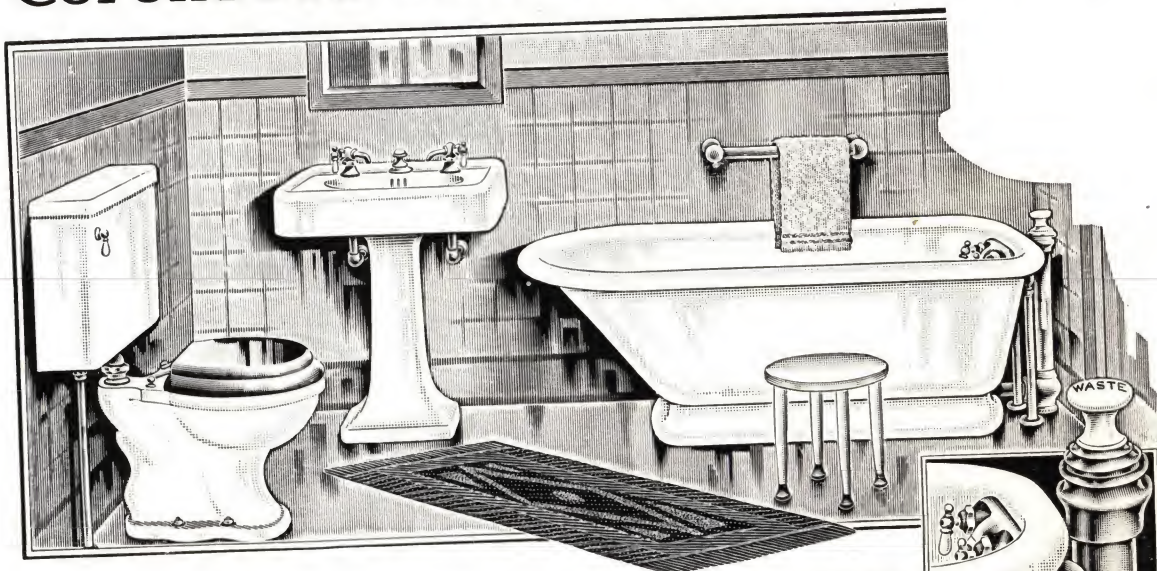
The closet outfit includes a white vitreous china tank, fitted with compound ball cock, nickel-plated supply pipe and nickel-plated brass connecting ell. The bowl is the wash-down Syphon action type, made of vitreous earthenware, fitted with heavily constructed closet seat, finished in a highly polished Mahogany, heavy nickel-plated bar hinge to attach seat direct to bowl.

The tub is of the roll rim corner type, 5 ft. long, cast in one piece of the finest quality gray iron casting, enameled inside and out with white porcelain enamel. Back and one end of the tub finished into the wall and the base is finished into the floor. The fittings are of exposed type and consist of special nickel-plated brass connected waste and overflow with long extension "T" threaded to connect with 1 1/2-inch iron pipe. Nickel-plated brass supply pipes and nickel-plated double bath cock with china handles, indexed for hot and cold water.

5-A-1214. The Princess Bathroom Outfit, complete as described.

\$95.00

Coronation Bathroom Combination



The Coronation Bathroom Outfit has been assembled especially for those who wish to remodel their present bathroom and install a modern outfit of the latest design. In many cases, where remodeling is done, it is not practical to install built-in tubs. We have included with this outfit, therefore, a pedestal or base tub, enameled inside and over the rim, which, combined with the pedestal lavatory and syphon jet closet outfit, makes the Coronation a really wonderful bathroom combination.

The Bath Tub is cast in one piece, and coated with white porcelain enamel inside and over the rim; it measures 5 ft. long, 30 in. wide, and is made with a 3-in. roll rim. Finest quality fittings are included with the tub, consisting of heavily nickel-plated brass ideal lifting waste, which does away with the troublesome chain and stopper; nickel-plated quick compression double bath cock, with white china handles, indexed for hot and cold water; nickel-plated supply pipes.

The Pedestal Lavatory, designed to match the tub is entirely covered with white porcelain enamel. Size of slab 20x24 inches, with oval bowl 12 x 15 inches and stands 31 inches high. It is fitted with nickel-plated Roman lifting waste, nickel-plated supply pipes, nickel-plated trap and nickel-plated faucets with white china handles indexed for hot and cold water.

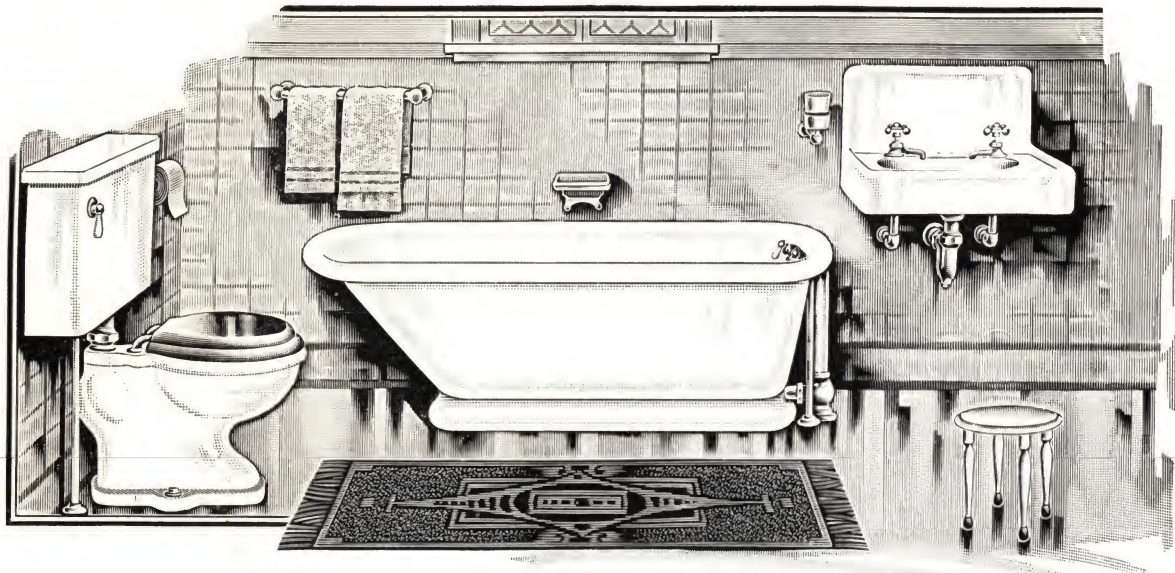
The Closet Outfit is furnished with a white, vitreous china tank in mission style, and is fitted with compound elevated ball cock and nickel-plated supply pipe. Tank connects to bowl with nickel-plated 2-inch offset flush. The bowl is an improved Syphon Jet silent action type, made of vitreous earthenware and is fitted with a practically indestructible seat and cover, finished in highly polished mahogany. Nickel-plated bar hinges attach the seat direct to bowl.

5-A-325. The "Coronation" Bathroom outfit is furnished complete as described.

\$110.00

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Royal Bathroom Combination



Most prominent of all the desirable features of this combination is the massively designed bath tub with pedestal base. The tub sets flush all around on the floor and eliminates the old-fashioned leg base so difficult to clean under.

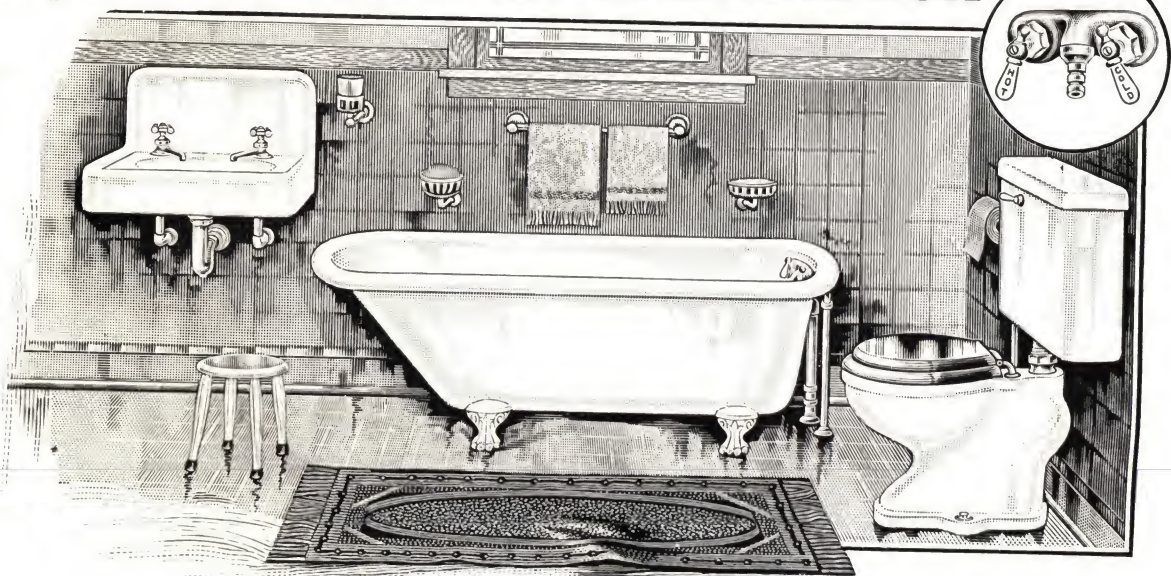
The pedestal base bath tub is coated on the inside and over the 3-inch roll rim with white porcelain enamel. Measures 5 feet long and 30 inches wide; fitted with nickel-plated double bath cock with handles indexed for hot and cold water. Nickel-plated supply pipes to floor. The closet outfit consists of a white vitreous earthenware tank fitted with heavy brass and copper interior trimmings. Perfect action.

Syphon jet silent action white vitreous earthenware bowl, highly polished.

Finely finished seat and cover in mahogany; attaches to the bowl with nickel-plated bar hinges. The lavatory measures 18x24 inches. It is unusually attractive in design with 10-inch back. Fitted with compression faucets, indexed for hot and cold water. Nickel-plated supply pipes and "P" trap to wall.

5-A-74. Royal Bathroom combination, complete as described \$83.00 for iron pipe connections.

Empress Bathroom Combination



This elegant outfit is designed for those who wish an extra fine bathroom equipment, neat of design and splendid in quality. The three pieces and all fittings to the last detail have been carefully chosen and embodied in a combination suited to the finest home.

The bath tub measures 5 feet long and 30 inches wide and is made with a 3-inch roll rim. Coated on the inside and over the rim with white porcelain enamel. It is furnished complete with nickel-plated compression double bath cock with handles indexed "hot and cold"; nickel-plated connected waste and overflow, supply pipes, chain and rubber stopper.

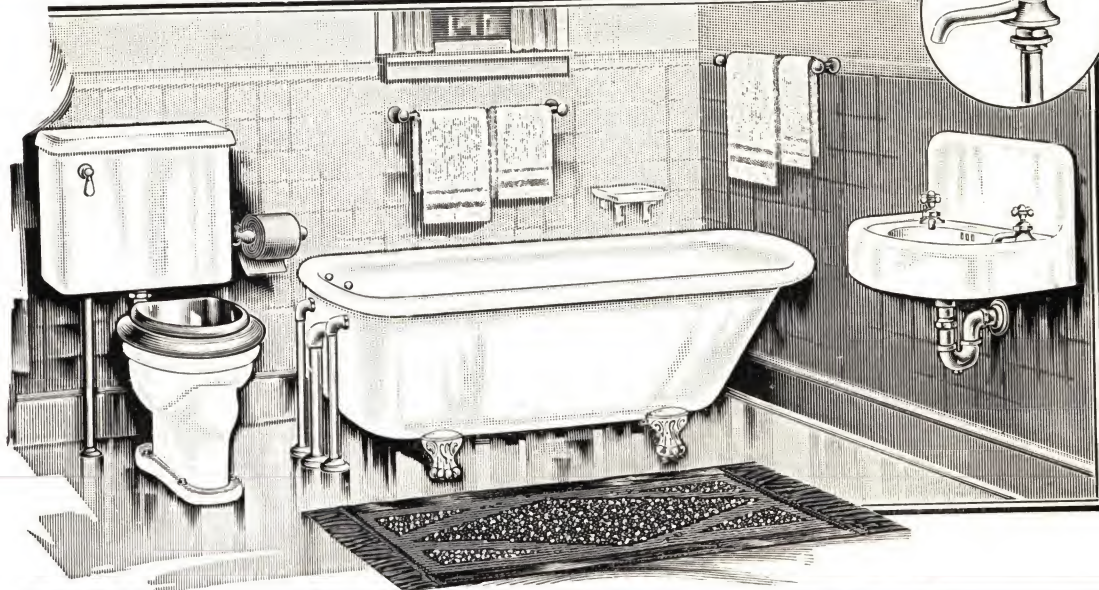
The closet outfit is an improved low down design furnished with Syphon jet silent action white vitreous earthenware bowl. The mahogany finished seat and cover are attached with nickel-plated bar hinges. White porcelain China closet tank, fitted with best trimmings; perfect in action. Nickel-plated offset and supply pipe.

The one-piece lavatory is heavily coated with white porcelain enamel and is made in deep apron style. Measures 18x24 inches with 10-inch back and "D" pattern bowl size 11x14 inches. Fitted with nickel-plated faucets with handles indexed "hot and cold." Nickel-plated supply pipes and "P" trap to wall.

5-A-580. Empress Bathroom combination complete as described for iron pipe connections. \$75.00

Shipped complete from Chicago warehouse.

Countess Bathroom Combination



This desirable bathroom outfit embodies all features of modern plumbing. It is offered to meet the demand for an outfit of very select quality and perfect design. Nothing has been spared in selecting all pieces and best fittings that could possibly be furnished at our big economical prices.

The bath tub furnished is 5 feet long and 30 inches wide; massive and well proportioned. Heavily coated on the inside and over the 3-inch roll rim with white porcelain enamel. Fitted with nickel-plated compression double bath cock indexed for hot and cold water; nickel-plated connected waste and overflow and supply pipes.

The closet outfit includes an improved wash down type vitreous earthenware bowl and plain white vitreous earthenware tank; fitted with Douglas pattern perfect acting valve. All tank fittings are made of heavy brass and copper; operated with China lever in front. The closet seat and cover are highly finished in mahogany and attached to the bowl with nickel-plated bar hinges.

The deep apron lavatory is coated with white porcelain enamel and measures 18x21 inches with 8 inch back and "D" pattern bowl, size 10½x14½ inches. Fitted with two nickel-plated compression faucets with China tops indexed for hot and cold water. Nickel-plated 1½ inch "P" trap to wall.

5-A-67. Countess Bathroom combination, complete as described, for iron pipe connections..... **\$65.00**

Sovereign Bathroom Combination



The Sovereign Bathroom Combination has been carefully assembled to offer every requirement for the modern bathroom. Considering the splendid quality and modern design of every piece and part, the low price will encourage your immediate decision in favor of this outfit.

The bath tub measures 5 feet long and 30 inches wide and is made with a 3-inch roll rim. Coated on the inside and over the rim with white porcelain enamel. It is furnished complete with nickel-plated compression double bath cock with handles indexed hot and cold; nickel-plated connected waste and overflow, supply pipes, chain and rubber stopper.

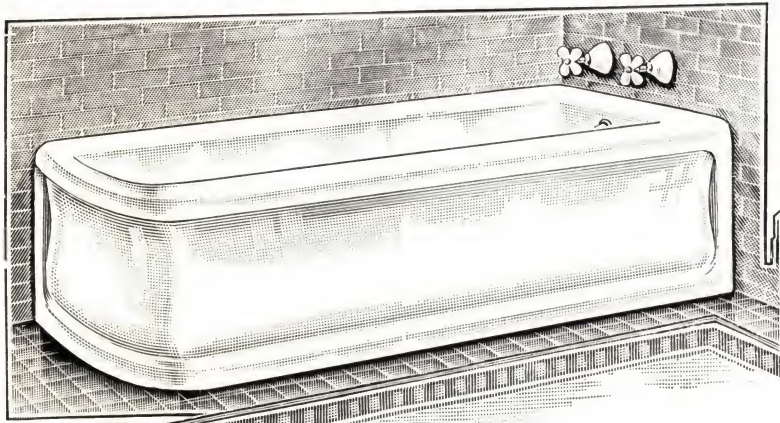
The closet outfit is an improved low down design furnished with wash down type white vitreous earthenware bowl. The oak seat and cover are attached with nickel-plated offset hinges. The oak closet tank matches the seat and cover in finish. It is fitted with best trimmings and is perfect in action. Lined throughout with heavy copper. Nickel-plated flush elbow and supply pipe.

The one-piece lavatory is heavily coated with white porcelain enamel and is made in deep apron style. Measures 17x19 inches with 10 inch back and "D" pattern bowl, size 10½x13½ inches. Fitted with nickel-plated faucets with handles indexed hot and cold. Nickel-plated supply pipes and "P" trap to wall.

5-A-300. Sovereign Bathroom combination, complete as described, for iron pipe connections..... **\$59.00**

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Modern Artistic Bath Tubs



Beautiful Deep Apron Corner Recessed Tub

\$83⁰⁰

We offer this tub as the highest type of porcelain enamel ware possible to manufacture. Its beauty of design and special white enameled finish give the bathroom an elegance of appearance impossible to obtain with any other type of tub. Cast in one piece of the finest quality gray iron casting, coated inside and out with beautiful white porcelain enamel. Finished on one side and one end. An allowance of $\frac{1}{2}$ inch is made for finishing into the floor and $\frac{3}{4}$ inch on the back and end for finishing into the wall.

The fittings furnished are of the concealed type. The supply pipes and lifting waste are equipped with white china handles and escutcheons.

Tubs furnished for either right or left corner, made in three sizes:



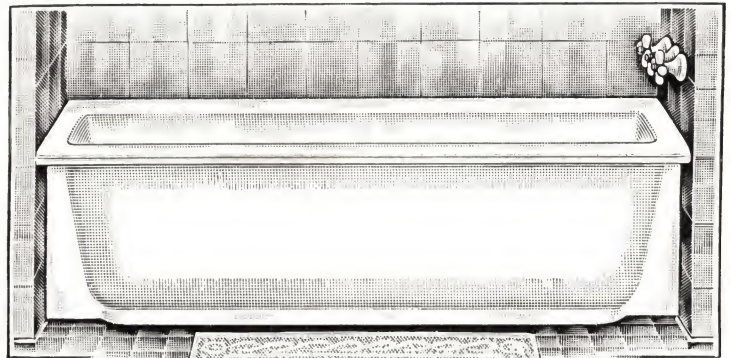
5-A-1001 —5 ft. long, complete with fittings.....	\$83.00
5-A-1002 —5 ft. 6 ins. long, complete with fittings.....	87.00

Impressive Built-In Full Recessed Tub

\$56⁰⁰

This tub is all cast in one piece and enameled inside and over the 3 inch flat rim. It is finished with the highest grade porcelain enamel. The back and both ends are built into the wall. An allowance of $\frac{1}{2}$ inch is made on the back and two ends, as well as on the bottom for setting into the floor.

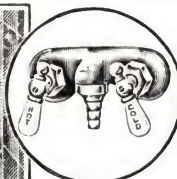
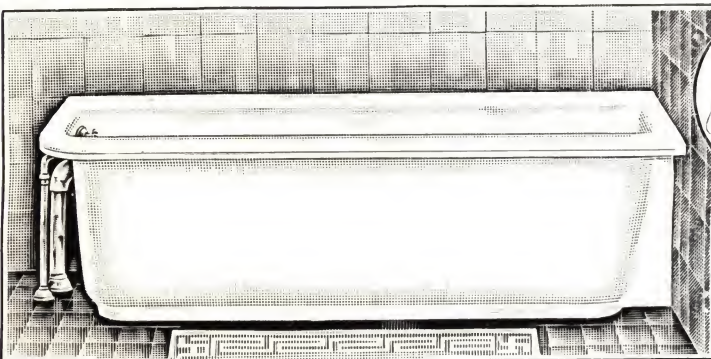
The fittings are the concealed type. The supply pipes and lifting waste are equipped with white china handles and escutcheons. Tubs furnished with outlet at either right or left end. Made in three sizes:



5-A-1003 —4 ft. 6 ins. long, complete with fittings.....	\$56.00
5-A-1004 —5 ft. long, complete with fittings.....	57.00
5-A-1005 —5 ft. 6 ins. long, complete with fittings.....	62.00

Bath tubs enameled inside and out.

5-A-10030 —4 ft. 6 ins. long, complete with fittings.....	\$66.00
5-A-10040 —5 ft. long, complete with fittings.....	67.00
5-A-10050 —5 ft. 6 ins. long, complete with fittings.....	72.00



Latest Double Bath Cock

Attractive Built - In Corner Recessed Tub

\$50⁰⁰

Built-in corner tub with 3 inch rim enameled inside and over rim, finished with finest quality porcelain enamel. An allowance of $\frac{1}{2}$ inch is made for finishing the back and one end into the wall and $\frac{1}{2}$ inch for finishing tub into the floor. Fitted with double compression nickel-plated bath cock, with china handles, indexed hot and cold, nickel-plated brass connected waste and overflow, nickel-plated brass supply pipes. Furnished for right or left corner.



Corner tub enameled inside and out.

5-A-10060 —4 ft. 6 ins. long, complete with fittings described.....	\$60.00
5-A-10070 —5 ft. long, complete with fittings described.....	\$63.00
5-A-10080 —5 ft. 6 ins. long, complete with fittings described.....	\$70.00

5-A-1006 —4 ft. 6 ins. long, complete with fittings described.....	\$50.00
5-A-1007 —5 ft. long, complete with fittings described.....	\$53.00
5-A-1008 —5 ft. 6 ins. long, complete with fittings described.....	\$60.00

Finest Quality—Priced Low!

Elegant Deep Apron Full Recessed Tub

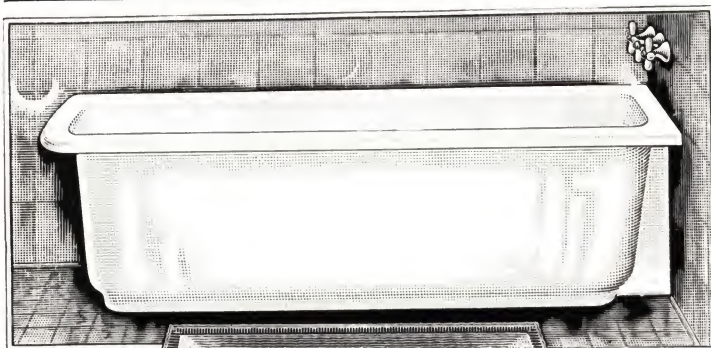
\$78⁰⁰

One piece porcelain enameled tub, enameled inside and over the apron with finest quality white porcelain enamel. The back and both ends are finished into the wall and an allowance of ½ inch is made on this tub for finishing.

The fittings furnished are the concealed type. The supply pipes and Ideal lifting waste are equipped with white china handles and escutcheons. Tubs can be furnished with outlet at either right or left end, made in three sizes:



5-A-1010—5 ft. long, complete with fittings. **\$78.00**
5-A-1011—5 ft. 6 ins. long, complete with fittings. **82.00**



Neat Built-In Corner Recessed Tub

\$57⁰⁰

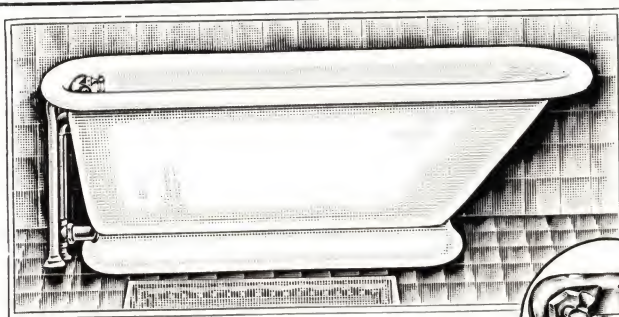
One piece cast iron enameled tub with 3 inch rim, enameled inside with the finest quality white porcelain enamel. An allowance of ½ inch is made on the back and one end of this tub for finishing into the wall.

The fittings are the concealed type. Supply pipes and lifting waste are equipped with white China handles and escutcheons. Tub furnished for either right or left corner, made in three sizes:



5-A-1012—4 ft. 6 ins. long, complete with fittings.. **\$57.00**
5-A-1013—5 ft. long, complete with fittings. **60.00**
5-A-1014—5 ft. 6 ins. long, complete with fittings... **67.00**

Corner Tub Enameled Inside and Out
5-A-10120—4 ft. 6 ins. long, complete with fittings **\$67.00**
5-A-10130—5 ft. long, complete with fittings. **70.00**
5-A-10140—5 ft. 6 ins. long, complete with fittings. **77.00**



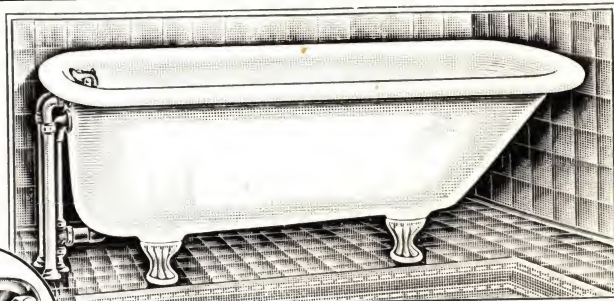
Pedestal Bath Tub

Made of the best grade of gray cast iron enamel, heavily coated with white porcelain enamel inside and over the 3 inch roll rim.

Tub furnished with nickelplated compression bath cock with China handles, indexed hot and cold, nickelplated connected waste and overflow and nickelplated supply pipes.

Tub complete as described, painted outside:

5-A-1015—4 ft. 6 ins. **\$40.00**
5-A-1016—5 ft. **40.00**
5-A-1017—5 ft. 6 ins. **45.00**
Nickelplated standing bath waste and overflow china top for pedestal tubs.
Extra. **\$8.50**

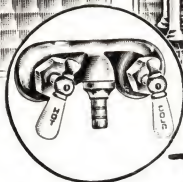


Roll Rim Enameled Tub

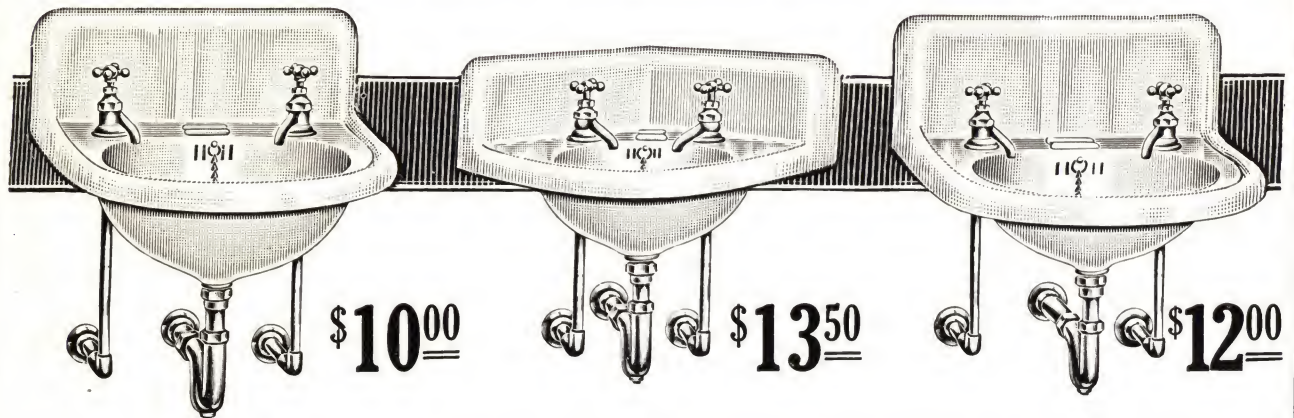
Double bath cock of new design a feature of the regular equipment furnished with our bath tubs.

Made of gray cast iron enameled inside and over the 3 inch roll rim. Tubs measure 30 inches wide and are fitted with nickelplated bathcock, indexed for hot and cold, nickelplated waste and overflow and nickelplated supply pipes.

5-A-1021—4 ft. 6 ins. long, complete with fittings. **\$33.00**
5-A-1022—5 ft. long, complete with fittings. **33.00**
5-A-1023—5 ft. 6 ins. long, complete with fittings. **36.00**
5-A-1024—6 ft. long, complete with fittings. **43.00**



White Porcelain Enameled Lavatories



Size of Slab, 17x19 inches; bowl, 10½x13½ inches; height of back, 6 inches.

White porcelain enameled one-piece half circled lavatory with "D" pattern bowl. Easily and quickly attached with concealed wall hangers furnished. Fitted complete with low down compression faucets with China tops marked "hot and cold." Nickel-plated 1½ inch "P" trap, supply pipes with flanges to wall. Nickel-plated chain and rubber stopper.

5-A-401. Complete as described with lead pipe connections..... **\$10.00**

5-A-403. Complete as described with iron pipe connections..... **\$10.50**

Length on sides, 16¾ inches; bowl, 10½x13½ inches; height of back, 6 inches.

White porcelain enameled one-piece roll rim corner lavatory with "D" pattern bowl. Easily attached to wall with concealed wall hangers furnished. Fitted complete with nickel-plated low down compression faucets with China tops marked "hot and cold." Nickel-plated 1½ inch "P" trap, supply pipes with flanges to wall. Nickel-plated chain and rubber stopper.

5-A-601. Complete as described with lead pipe connections..... **\$13.50**

5-A-603. Complete as described with iron pipe connections..... **\$14.00**

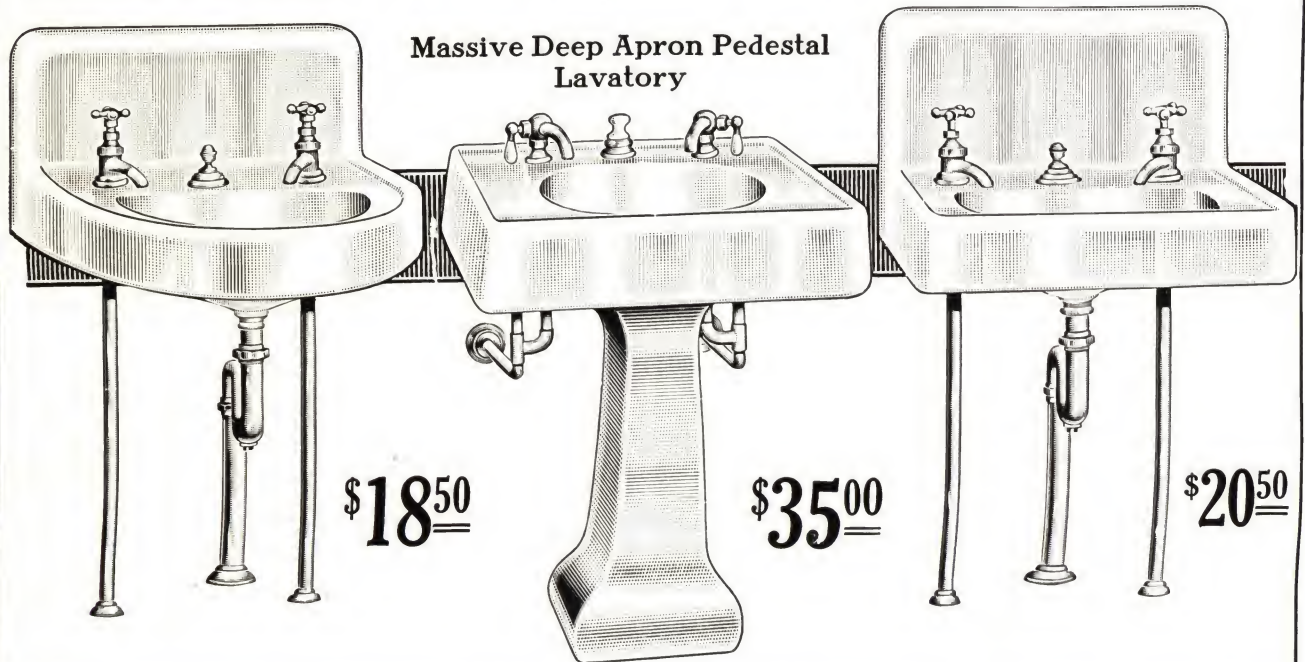
Size of Slab, 18x21 inches; bowl, 10½x14½ inches; height of back, 8 inches.

White porcelain enameled one-piece roll rim half circled lavatory with "D" pattern bowl. Easily hung with concealed wall hangers furnished. Fitted complete with two low down compression faucets with China tops marked "hot and cold." Nickel-plated 1½ inch "P" trap, supply pipes with flanges to wall. Nickel-plated chain and rubber stopper.

5-A-480. Complete as described with lead pipe connections..... **\$12.00**

5-A-482. Complete as described with iron pipe connections..... **\$12.50**

The Product of America's Leading Makers



Massive Deep Apron Pedestal Lavatory

Size of Slab, 18x21 inches; bowl, 10½x14½ inches; height of back, 8 inches.

White porcelain enameled one-piece half circled deep apron lavatory with "D" pattern bowl. Quickly and easily attached to wall with concealed wall hangers furnished. Fitted complete with two low down compression faucets with China tops marked "hot and cold." Nickel-plated 1½ inch "S" trap, supply pipes with flanges to floor. Nickel-plated lifting waste with China index.

5-A-421. Complete as described with lead pipe connections..... **\$18.50**

5-A-423. Complete as described with iron pipe connections..... **\$19.00**

Size of Slab, 20x24 inches; oval bowl, 11x15 inches; height of lavatory, 31 inches.

White porcelain enameled one-piece pedestal lavatory with oval bowl. Supported on a massive, properly proportioned white enameled pedestal. Fitted complete with nickel-plated model lifting waste with China knob and two fuller faucets with China handles, "hot and cold." Nickel-plated supply pipes and 1½ inch "P" trap to wall. This is an impressive lavatory and will give your bathroom a rich appearance.

5-A-98. Complete as described with iron pipe connections..... **\$35.00**

5-A-99. Lavatory as described with out lifting waste..... **\$31.50**

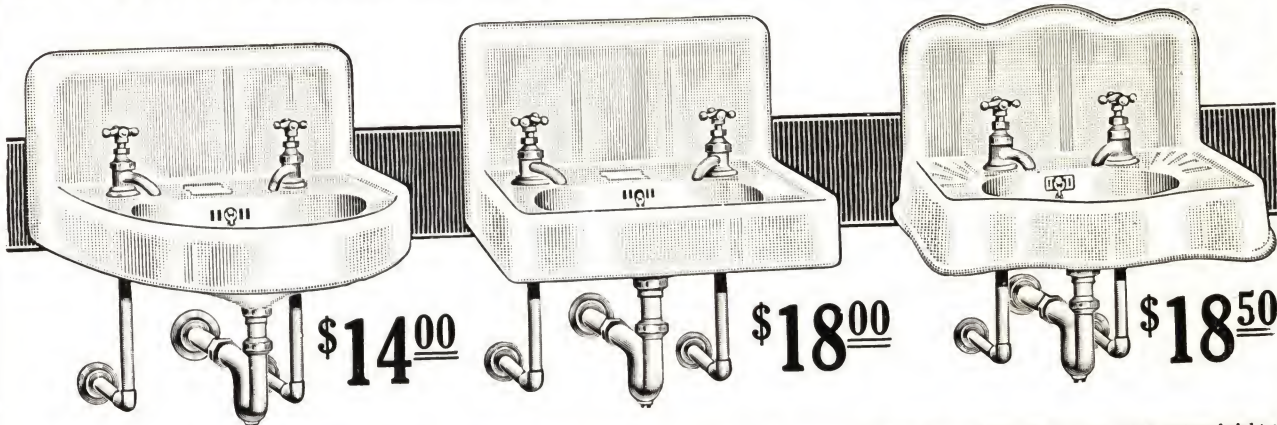
Size of Slab, 18x24 inches; bowl, 11x15 inches; height of back, 10 inches.

White porcelain enameled one-piece square deep apron lavatory with "D" pattern bowl quickly and easily attached to wall with concealed wall hangers furnished. Fitted complete with nickel-plated model lifting waste with China index and two compression faucets with China tops, marked "hot and cold." Nickel-plated 1½ inch "S" trap, supply pipes with flanges to floor.

5-A-441. Complete as described with lead pipe connections..... **\$20.50**

5-A-443. Complete as described with iron pipe connections..... **\$21.00**

Priced Unusually Low for Big Economy



Size of Slab, 18x21 inches; bowl, 10½x14½ inches; height of back, 8 inches.

White porcelain enameled one-piece half circled deep apron lavatory with "D" pattern bowl. Quickly and easily attached to wall with concealed wall hangers furnished. Fitted complete with two nickel-plated low down compression faucets with China tops marked "hot and cold." 1½ inch nickel-plated "P" trap, supply pipes with flanges to wall. Nickel-plated chain and rubber stopper.

5-A-411. Complete as described with lead pipe connections..... **\$14.00**
5-A-413. Complete as described with iron pipe connections..... **\$14.50**

Size of Slab, 18x24 inches; bowl, 11x15 inches; height of back, 10 inches.

White porcelain enameled one-piece square deep apron lavatory with "D" pattern bowl. Easily attached to wall with concealed wall hangers furnished. Fitted complete with two nickel-plated compression faucets with China tops marked "hot and cold." 1½ inch nickel-plated "P" trap, supply pipes with flanges to wall. Nickel-plated chain and rubber stopper.

5-A-311. Complete as described with lead pipe connections..... **\$18.00**
5-A-313. Complete as described with iron pipe connections..... **\$18.50**
5-A-314. Lavatory size 20x24 inches with fittings as described above..... **\$20.00**

Size of Slab, 18x24 inches; bowl, 11x15 inches; height of back, 10 inches.

White porcelain enameled one-piece shapely serpentine deep apron lavatory with "D" pattern bowl. Easily attached to wall with concealed wall hangers furnished. Fitted complete with two nickel-plated compression faucets with China tops marked "hot and cold." 1½ inch nickel-plated "P" trap, supply pipes with flanges to wall. Nickel-plated chain and rubber stopper.

5-A-492. Complete as described with lead pipe connections..... **\$18.50**
5-A-494. Complete as described with iron pipe connections..... **\$19.00**

Guaranteed in Every Way to Completely Satisfy



Length on sides, 20 inches; bowl, 11x15 inches; height of back, 8 inches.

White porcelain enameled one-piece deep apron corner lavatory with "D" pattern bowl. Supported on concealed wall hangers which are furnished. Fitted complete with nickel-plated model waste with China index and two compression faucets with China tops marked "hot and cold." 1½ inch nickel-plated "S" trap, supply pipes with flanges to floor.

5-A-641. Complete as described with lead pipe connections..... **\$20.25**
5-A-643. Complete as described with iron pipe connections..... **\$20.75**

Length on sides, 20 inches; bowl, 11x15 inches; height of back, 8 inches.

White porcelain enameled one-piece deep apron corner lavatory with "D" pattern bowl, quickly and easily attached to wall with concealed wall hangers furnished. Fitted complete with nickel-plated compression faucets with China tops marked "hot and cold." Nickel-plated 1½ inch "S" trap, supply pipes with flanges to floor. Nickel-plated chain and rubber stopper.

5-A-621. Complete as described with lead pipe connections..... **\$16.35**
5-A-623. Complete as described with iron pipe connections..... **\$16.85**

Length on sides, 18¾ inches; bowl, 10½x14½ inches; height of back, 6 inches.

White porcelain enameled one-piece roll rim corner lavatory with "D" pattern bowl. Supported on concealed wall hangers furnished. Fitted complete with nickel-plated low down compression faucets with China tops marked "hot and cold." Nickel-plated 1½ inch "S" trap, supply pipes with flanges to floor. Nickel-plated chain and rubber stopper.

5-A-611. Complete as described with lead pipe connections..... **\$14.50**
5-A-613. Complete as described with iron pipe connections..... **\$15.00**

BEAUTIFUL ONE-PIECE KITCHEN SINKS



Double Drainboard Deep Apron Style

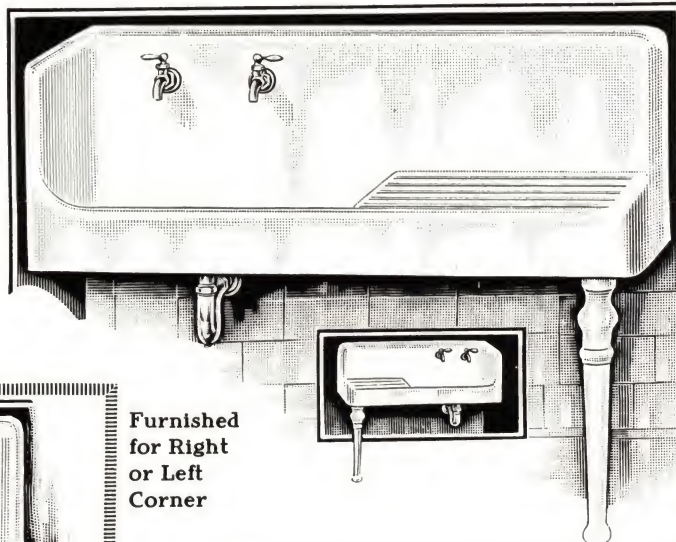
Elegant Kitchen Sink cast in one piece of finest quality gray iron. Enameled all over with white porcelain enamel, fitted with nickel-plated swinging mixing faucet with porcelain China handles, indexed hot and cold and porcelain China soap dish, nickel-plated brass "P" trap, cast iron porcelain enameled adjustable sink legs. These sinks can be installed 36 inches from the floor.

5-A-1840. Double drainboard sink, 62 inches long, with fittings as described.....	\$67.00
5-A-1841. Double drainboard sink, 73 inches long, with fittings as described.....	87.00

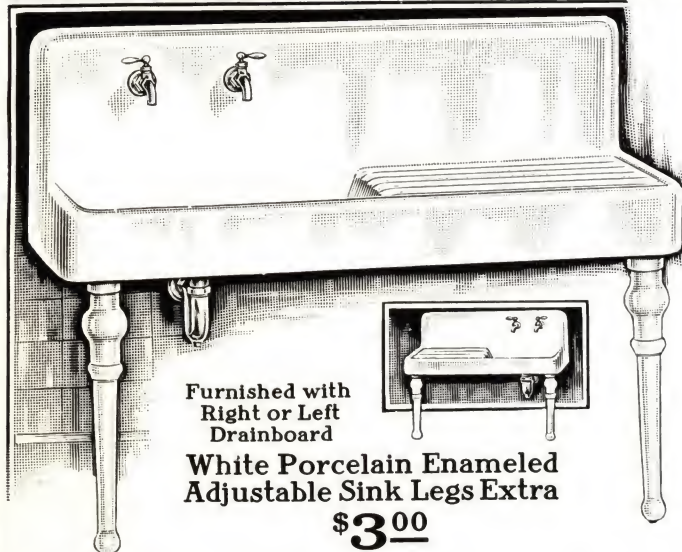
One-Piece Deep Apron Sink

Made in one piece, including sink, drain board, back and end piece, 12 inches high, heavily coated with white porcelain enamel on the inside and over drain board, back and 5 inch deep apron with white porcelain enamel. Sanitary style with round corners. Furnished complete with two high grade nickel-plated faucets. Nickel-plated brass "P" trap to wall. Cast iron adjustable sink leg. Attached to wall with strong concealed wall hangers which are furnished without extra charge.

5-A-1853. 42 inches long, for right or left corner.	
Price.....	\$35.00
5-A-1855. 48 inches long, for right or left corner.....	43.00
5-A-1856. 52 inches long, for right or left corner.....	49.00
White Porcelain enameled sink leg, extra.....	1.50
1½ in. nickel plated brass trap to floor in place of "P" trap, extra	.75



Furnished
for Right
or Left
Corner



Furnished with
Right or Left
Drainboard

**White Porcelain Enameled
Adjustable Sink Legs Extra
\$3.00**

Straight Wall One-Piece Deep Apron Sink

Sanitary kitchen sink, back and drain board cast in one piece; heavily coated on the inside and over the deep apron with white porcelain enamel. Deep apron, 5 inches wide. Furnished complete with two high grade nickel-plated faucets. Nickel-plated brass "P" trap to wall and two cast iron adjustable sink legs. Attached to the wall with strong concealed wall hangers, furnished without extra charge.

5-A-1846. 42 inches long, with left or right drain board.....	\$36.00
5-A-1848. 48 ins. long, with left or right drain board..	43.00
5-A-1850. 52 ins. long, with left or right drain board..	47.00
1½ in. nickel-plated brass trap to floor in place of "P" trap, extra.....	.75

Latest Sanitary Decorative Models

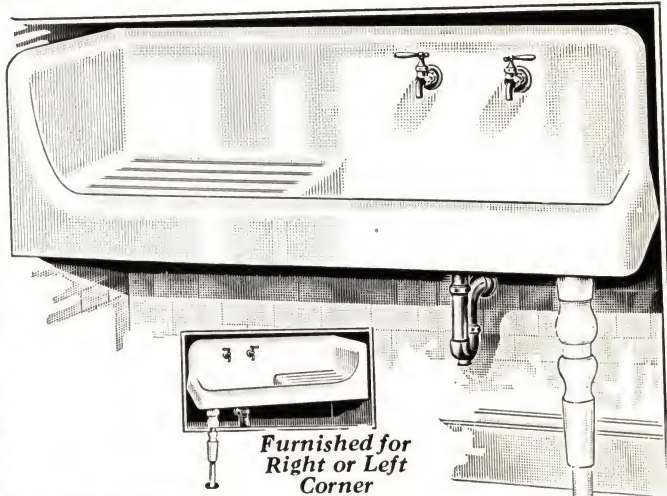
One-Piece Deep Apron Sink

An elegant kitchen sink with deep apron, back, drain board and end piece, cast in one piece. An impressive design, neat and easily cleaned—no corners or cracks to hold the grease and dirt.

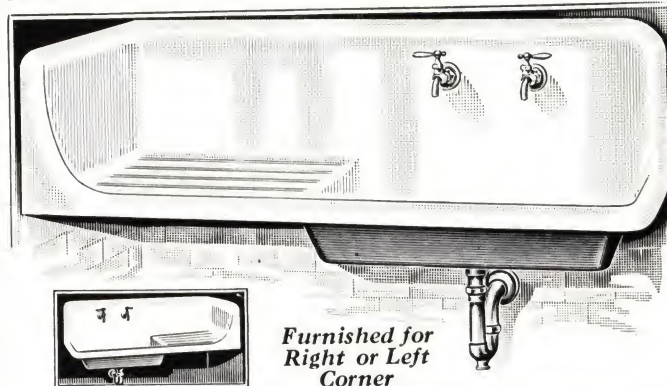
Supported on adjustable painted legs, and firmly attached by concealed wall hangers.

Furnished complete with nickel-plated improved strainer, $\frac{1}{2}$ in. Fuller flange bibbs, $1\frac{1}{2}$ in. nickel plated brass trap to wall I. P. conn., and one cast iron adjustable sink leg. Three sizes, furnished with right or left end piece. Be sure to state whether right or left style is wanted when you order.

5-A-1854. 44 inches long, with right or left end piece.	\$35.00
Price.....	
5-A-1857. 48 inches long, with right or left end piece.....	\$43.00
5-A-1858. 52 inches long, with right or left end piece.....	49.00
$1\frac{1}{2}$ inch Nickel-Plated Brass trap to floor, extra.....	.75
White porcelain enameled cast iron sink leg, extra.....	1.50



Furnished for
Right or Left
Corner



Furnished for
Right or Left
Corner

Roll Rim Model One-Piece Corner Sink

Splendid kitchen sink, sanitary and easy to keep clean—a roll rim sink with back drain board and end piece, all cast in one piece, heavily coated with white porcelain enamel. Furnished complete with concealed wall hangers, nickel-plated improved strainer, $\frac{1}{2}$ inch nickel-plated Fuller flange bibbs and $1\frac{1}{2}$ inch Nickel Plated Brass trap to wall I. P. conn. Furnished in three sizes with right or left end piece.

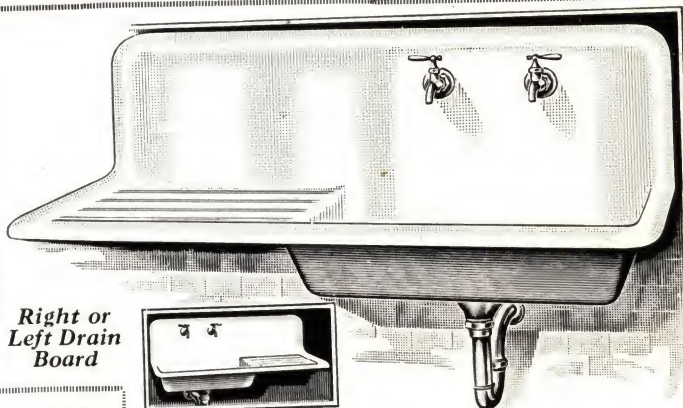
5-A-1797. 44 inches long, with right or left end piece.	\$32.00
Price.....	
5-A-1798. 48 inches long, with right or left end piece.....	\$36.00
5-A-1799. 52 inches long, with right or left end piece.....	39.00
Adjustable painted leg. Each.....	1.50
White porcelain enameled sink legs, each.....	3.00
$1\frac{1}{2}$ inch Nickel Plated Brass trap to floor, extra.....	.75

One-Piece Roll Rim Sink

This popular sink features all that is best in a combination sink, back and drain board cast in one piece. Heavily coated on the inside and over the back and wide roll rim with white porcelain enamel. Attached to wall with strong concealed wall hangers, furnished without extra charge. Fitted complete with two nickel plated faucets and $1\frac{1}{2}$ inch Nickel Plated Brass trap to wall I. P. conn.

5-A-1791. 44 inches long, with left or right drain board.....	\$28.00
5-A-1793. 48 inches long, with left or right drain board..	\$30.00
5-A-1795. 52 inches long, with left or right drain board..	33.00
Adjustable painted cast iron legs. Per pair.....	3.00
White porcelain enameled sink legs. Per pair.....	6.00
$1\frac{1}{2}$ inch Nickel-Plated Brass trap to floor, extra.....	.75

Right or
Left Drain
Board

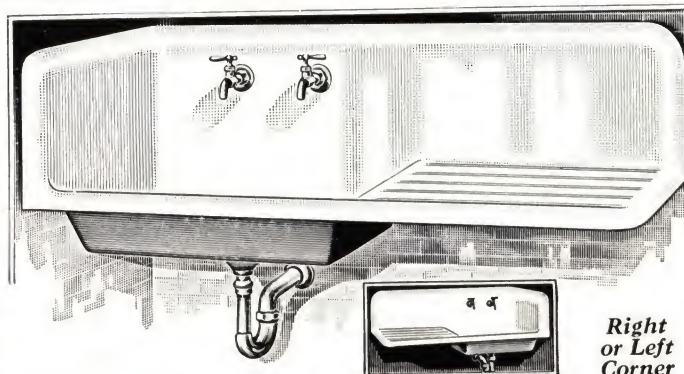


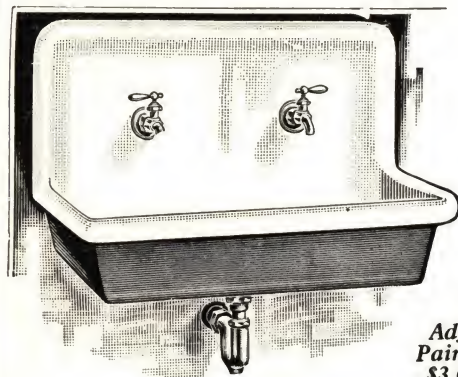
One-Piece Corner Sink

Heavily coated with white porcelain enamel. Made in one piece. Furnished complete with two nickel plated faucets and $1\frac{1}{2}$ inch Nickel Plated Brass trap to wall I. P. conn. Quickly and easily attached to wall with strong concealed wall hangers which are furnished without extra charge.

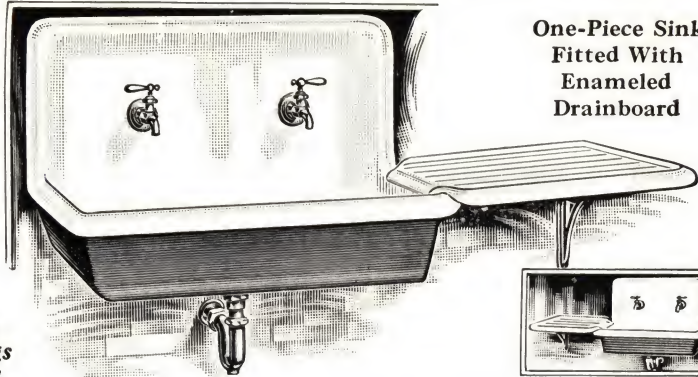
5-A-1792. 44 inches long, for right or left corner.....	\$32.00
5-A-1794. 48 inches long, for right or left corner.....	\$36.00
5-A-1796. 52 inches long, for right or left corner.....	39.00
Adjustable painted cast iron legs. Each.....	1.50
White porcelain enameled sink leg, each.....	3.00
$1\frac{1}{2}$ inch Nickel-Plated Brass trap to floor, extra.....	.75

Right
or Left
Corner





Two
Adjustable
Painted Legs
\$3.00 Extra



One-Piece Sink
Fitted With
Enameled
Drainboard

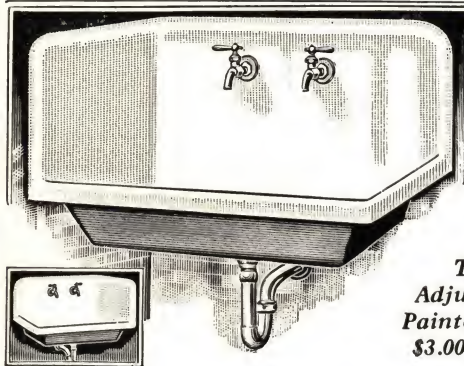
Made of smooth gray iron heavily coated on the inside and over the rim and back with white porcelain enamel; very neat, attractive and easy to clean. Furnished complete with two nickel-plated $\frac{1}{2}$ -inch flanged plain faucets, nickel-plated sink strainer and $1\frac{1}{2}$ -inch lead "P" trap to wall. Attached to wall with concealed wall hangers.

Number.	Size of Sink.	Price.
5-A-1631.	18x24 inches.....	\$14.50
5-A-1632.	20x24 inches.....	15.00
5-A-1635.	18x30 inches.....	15.50
5-A-1639.	20x30 inches.....	16.50
5-A-1643.	20x36 inches.....	18.50
5-A-1644.	22x36 inches.....	20.00
5-A-1645.	22x42 inches.....	22.00

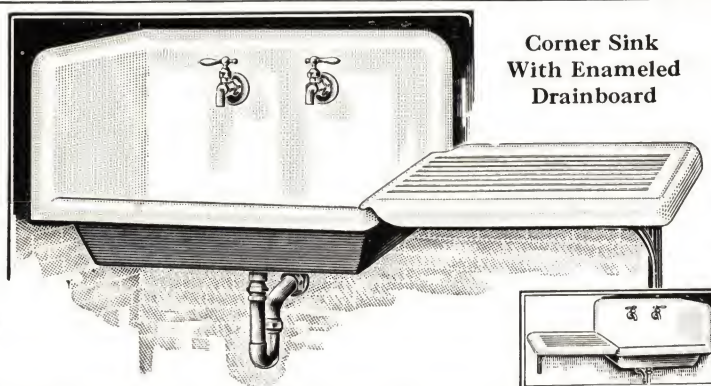
Prices Without Drainboard

Number.	Size of Sink.	Size of Drainboard.	Price.
5-A-1675.	18x24 inches.	18x20 inches.....	\$19.00
5-A-1677.	20x24 inches.	20x20 inches.....	21.00
5-A-1679.	18x30 inches.	18x24 inches.....	20.50
5-A-1681.	20x30 inches.	20x24 inches.....	22.00
5-A-1683.	20x36 inches.	20x24 inches.....	24.00

Complete With Drainboard



Two
Adjustable
Painted Legs
\$3.00 Extra



Corner Sink
With Enameled
Drainboard

Heavily coated with white porcelain enamel on the inside and over the rim and back; no crevices or corners to catch the dirt. Back and end piece are 12 inches high. Furnished complete with nickel-plated strainer, $\frac{1}{2}$ -inch nickel-plated faucets and $1\frac{1}{2}$ -inch lead "P" trap to wall. Attached to wall with substantial concealed wall hangers.

Number.	Size of Sink.	Price.
5-A-1633.	Furnished complete as described, size 20x24 ins.....	\$20.00
5-A-1634.	Furnished complete as described, size 20x30 ins.....	21.75
5-A-1636.	Furnished complete as described, size 20x36 ins.....	24.00

Prices Without Drainboard

Number.	Size of Sink.	Size of Drainboard.	Price.
5-A-1676.	Furnished complete as described, size 20x24 ins.....		\$26.00
5-A-1680.	Furnished complete as described, size 20x30 ins.....		28.00
5-A-1682.	Furnished complete as described, size 20x36 ins.....		30.00

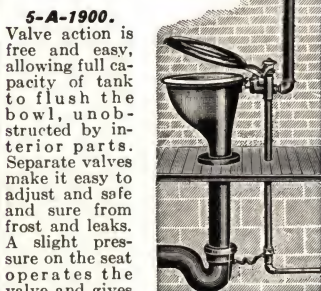
Complete With Drainboard

If you intend to install the sink yourself, specify iron pipe connection and add 75c to prices above.

Frost-Proof
Closet

\$28⁵⁰

Complete
as Shown



5-A-1900. Valve action is free and easy, allowing full capacity of tank to flush the bowl, unobstructed by interior parts. Separate valves make it easy to adjust and safe from frost and leaks. A slight pressure on the seat operates the valve and gives a full pressure of water to flush the bowl clean. Always clean, sanitary and odorless. Can be put in a very small space. This outfit as illustrated, complete, as shown.....

\$28.50

Chemical Indoor Toilet

Better
than
Any Other

\$6⁹⁵

Try It
for
30 Days

The Guarantee The Harris Chemical Indoor Closet to be the most efficient toilet of its kind—absolutely odorless and sanitary, exactly as described on this page.
HARRIS BROTHERS CO.

Protect your family against the dangers and inconvenience of the outdoor privy—eliminate forever the breeding place of flies and contagious disease germs. A clean, sanitary method of sewage disposal—a modern toilet easily within the reach of everyone now.

The Harris Chemical Indoor Closet is fitted with the regular shaped closet seat and cover highly finished in birch mahogany. The base and frame work of the outer casing are made of solid cast metal. The outer casing is made of rolled sheet steel, which, together with all other metal parts, including 9 feet of 3-inch exhaust pipe, are beautifully enameled in gray.

5-A-1816. Harris Chemical Indoor Closet, including two elbows, six lengths of 3-inch pipe, 12 inches long, wall collar, one pound of Harris guaranteed chemical disinfectant (about 6 months' supply) carefully packed in wood box.....

\$6.95

EXTRAS

Harris chemical disinfectant. Per gallon.....
Extra exhaust pipe, per 12-inch length.....

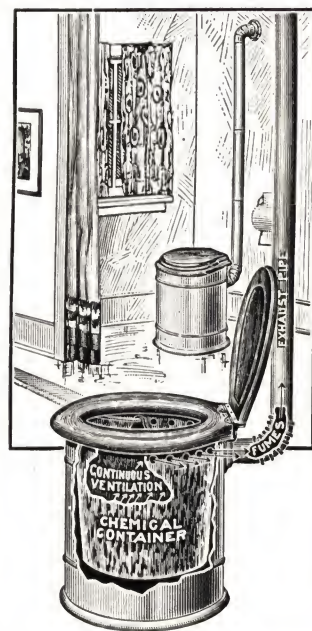
\$1.50

25c

Roof saddles, each.....
Extra elbows, each.....
Chemical cannot be sent by parcel post.

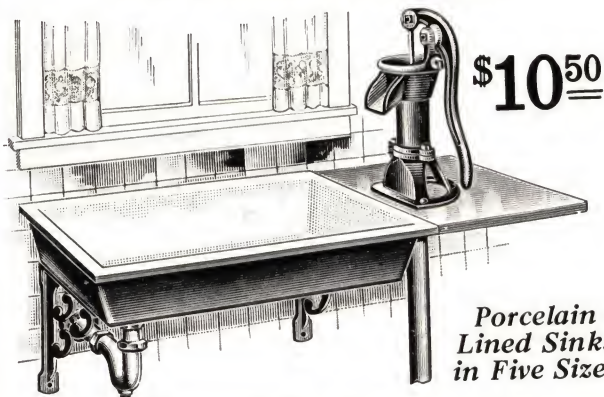
75c

25c



Kitchen Sink Outfits and Accessories

Complete Kitchen Sink Outfit With Pitcher Spout Pump



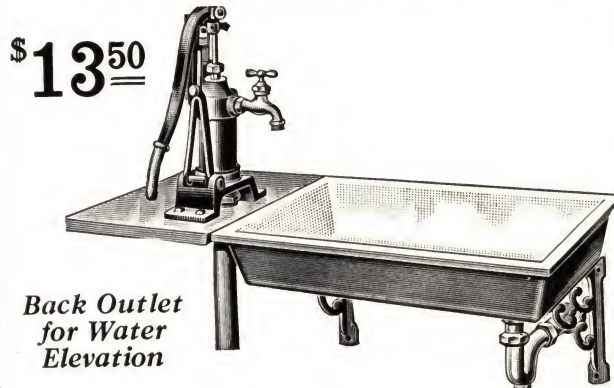
\$10⁵⁰

*Porcelain
Lined Sinks
in Five Sizes*

This kitchen sink outfit is identically the same as the one opposite except that we furnish a brass lined pitcher spout pump fitted for 1 inch iron pipe connection.

5-A-1601. Outfit complete with 18 in. x 30 in. sink with iron pipe connection.....	\$10.50
5-A-1604. Outfit complete with 18 in. x 36 in. sink with iron pipe connection.....	12.15
5-A-1605. Outfit complete with 20 in. x 30 in. sink with iron pipe connection.....	11.35
5-A-1607. Outfit complete with 20 in. x 36 in. sink with iron pipe connection.....	13.30
5-A-1609. Outfit complete with 20 in. x 40 in. sink with iron pipe connection.....	15.60

Complete Kitchen Sink Outfit With Brass Lined Force Pump



\$13⁵⁰

*Back Outlet
for Water
Elevation*

High grade flat rim cast iron porcelain lined sink fitted with nickel-plated strainer and 1 1/4 inch lead "P" trap with outlet to wall, fitted for 1 1/2 inch iron pipe connection. Sink has two brackets. Force pump is made with 2 1/2 inch brass lined cylinder with air chamber, insuring a steady flow of water. Pump is fitted for 1 1/4 inch suction pipe. Back outlet of pump fitted for 1 inch pipe, to elevate water to floors above. Attach hose to faucet for sprinkling or fire protection. Pump board not included.

5-A-1621. Kitchen sink outfit complete with sink size 18 in. x 30 in. with iron pipe connections.....	\$13.50
5-A-1623. Kitchen sink outfit complete with sink size 18 in. x 36 in. with iron pipe connections.....	15.25
5-A-1625. Kitchen sink outfit complete with sink size 20 in. x 30 in. with iron pipe connections.....	14.45



**White
Enameled
Sink Backs**

5-A-1718. Designed for use with flat rim sinks drilled for two faucets. Size 12 in. high and 2 1/4 in. deep.

Size 24 in. long.....	\$3.85	Size 36 in. long.....	\$6.15
Size 30 in. long.....	4.20	Size 40 in. long.....	6.75

**White
Enameled
Drain Boards**

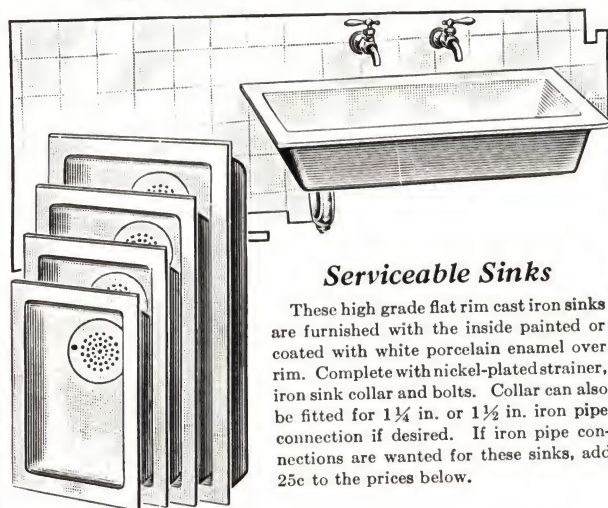


5-A-1780. Interchangeable and can be used on either end of sink. Furnished complete with cast iron bracket.

SIZES AND PRICES

18 x 18 inches.....	\$5.35
18 x 20 inches.....	5.75
18 x 24 inches.....	6.15
20 x 20 inches.....	6.50
20 x 24 inches.....	6.65

Flat Rim Cast Iron Sinks Painted or White Enameled



Serviceable Sinks

These high grade flat rim cast iron sinks are furnished with the inside painted or coated with white porcelain enamel over rim. Complete with nickel-plated strainer, iron sink collar and bolts. Collar can also be fitted for 1 1/4 in. or 1 1/2 in. iron pipe connection if desired. If iron pipe connections are wanted for these sinks, add 25c to the prices below.

Painted Sinks

5-A-1701. Size 18x24...	\$3.35
5-A-1702. Size 18x30...	3.55
5-A-1703. Size 18x36...	4.20
5-A-1704. Size 20x30...	4.00
5-A-1705. Size 20x36...	4.70
5-A-1706. Size 20x40...	5.40

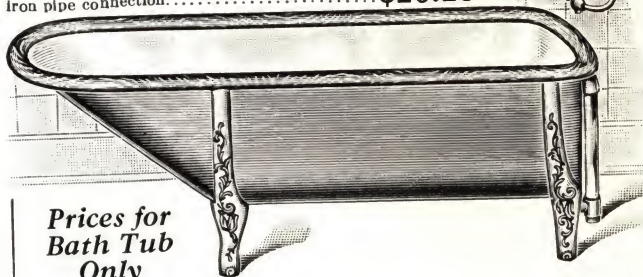
Enameled Sinks

5-A-1709. Size 18x24...	\$6.00
5-A-1710. Size 18x30...	5.80
5-A-1711. Size 18x36...	8.45
5-A-1712. Size 20x30...	6.45
5-A-1713. Size 20x36...	9.25
5-A-1714. Size 20x40...	12.25

Complete Bath Outfit for Homes Without Running Water

Composed of a high grade gasoline water heater with copper bottom and water coil. Sufficient water for bath heated in fifteen minutes. Tub furnished is made of heavy steel smoothly coated on the inside and capped with nicely finished oak top rim. Cast iron legs; equipped with connected waste and overflow fitted for 1 1/4 inch pipe.

5-A-1811. Complete with tub 4 1/2 ft. long for iron pipe connection.....	\$26.00
5-A-1813. Complete with tub 5 ft. long for iron pipe connection.....	\$26.25



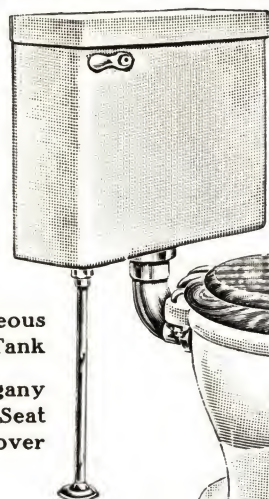
*Prices for
Bath Tub
Only*

5-A-1801. Tub only, 4 ft. 6 in. long. Each.....	\$10.85
5-A-1803. Tub only, 5 ft. long. Each.....	11.25
5-A-1805. Tub only, 5 ft. 6 in. long. Each.....	11.70
5-A-1807. Tub only, 6 ft. long. Each.....	12.35

If Fuller double bath cock to fit tub is wanted, add \$3.30. If nickel-plated 1/2 inch supplies for iron pipe connections are wanted, add, per pair, \$2.00.

LOW TANK CLOSET OUTFITS

Wash Down Type Closet Outfit



White Vitreous
China Tank

Mahogany
Finished Seat
and Cover

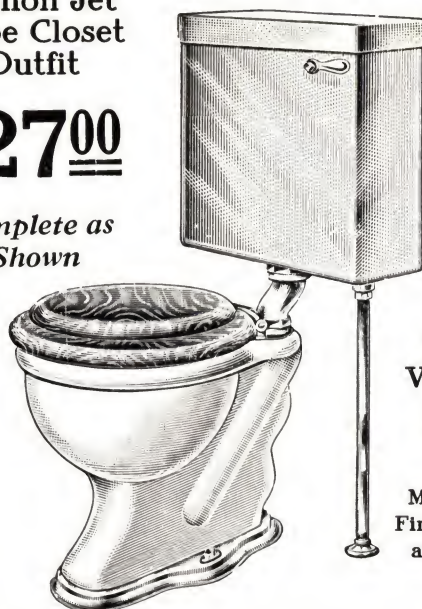
\$22⁰⁰

Complete as Shown

Syphon Jet Type Closet Outfit

\$27⁰⁰

Complete as
Shown



White
Vitreous
China
Tank

Mahogany
Finished Seat
and Cover

Low tank closet outfit complete of excellent quality. Includes handsome white vitreous china tank with best interior fittings to insure a strong positive flush at all times; operated by white china lever. Shapely white vitreous earthenware wash down closet bowl glazed inside and out. Seat and cover finished in rich mahogany attached to bowl with heavy nickel-plated offset hinges. Nickel-plated elbow and supply pipe.

5-A-1001. Complete as described; with rich mahogany seat and cover; or lead pipe connections.....**\$22.00**

5-A-1003. Complete as described; with seat and cover finished in rich mahogany, for iron pipe connections.....**\$22.50**

Low tank closet outfit complete of finest quality. Includes beautiful highly polished white vitreous china tank; easily kept clean. Fitted with latest improved rubber ball valve flush system made with fittings of heavy brass and copper; positive flush to bowl with light pressure on white china handle. White vitreous earthenware improved Syphon Jet bowl glazed both inside and out. Rich mahogany finished seat and cover attached to bowl with heavy nickel-plated offset hinges. Nickel-plated offset and supply pipe.

5-A-1021. Complete as described; with lead pipe connections.....**\$27.00**

5-A-1023. Complete as described; with iron pipe connections.....**\$27.50**

Harris Septic Sewage Disposal Tanks



Sectional view showing simplicity and effectiveness of
Harris Septic Tanks

**Safe - Effectual - Inexpensive.
Sanitary - Odorless - Protects
your water supply. Used
wherever running water is
available. Anybody can install one.**

\$30 And
Up

The HARRIS SEPTIC TANK is adapted to all uses, city or rural where running water is available. Ideal for homes, hotels, summer resorts, etc. By the natural process of bacterial action it provides a safe, yet effectual and inexpensive method of sewage disposal, as well as a positive protection of your water supply. HARRIS SEPTIC TANKS are easy to install, no skilled labor being required. Full instructions for installation furnished with each tank. After installation they require no further attention whatever.

HARRIS SEPTIC TANKS are made from the purest Copper-bearing iron obtainable. Ten to fourteen gauge metal is used, the gauge of the metal being increased as the capacity of the tank increases. All seams are carefully welded by experts, and every tank is given a thorough inspection before leaving the factory.

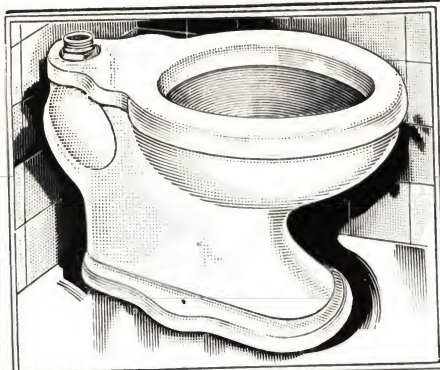
All surfaces are covered with several coats of tested Mineral Oil Preservative, applied under intense heat, protecting the tanks indefinitely against any corrosive action.



The No. 301 HARRIS SEPTIC TANK is the best family size tank.

Order No.	Size of Tank Diam. Ht.	Gauge	Total Capacity Gals.	Size Tile Connection	Weight	Capacity Home Use No. of Persons	Prices F. O. B. Warehouse in New York
5-A-300	38" x 36"	14	176	4"	175 lbs.	5-8	\$ 30.00
5-A-301	38" x 48"	14	235	4"	225 lbs.	6-9	34.00
5-A-302	46" x 48"	14	345	4"	275 lbs.	8-12	45.00
5-A-303	46" x 60"	12	432	6"	450 lbs.	12-18	65.00
5-A-304	60" x 60"	12	735	6"	510 lbs.	20-30	130.00
5-A-305	70" x 60"	10	1000	6"	1000 lbs.	30-42	160.00

Closet Bowls—Tanks and Seats



Syphon Jet Bowl

Syphon Jet Closet Bowl for low and high tank outfits. Made of finest grade of Vitreous earthenware with highly glazed white finish inside and out. Most sanitary type, easily kept clean. Weight, about 60 pounds.

5-A-1303. With 2-inch spud for low closet tanks. Price.....\$12.00

5-A-1307. With 1½-inch spud for high closet tanks. Price.....\$12.00

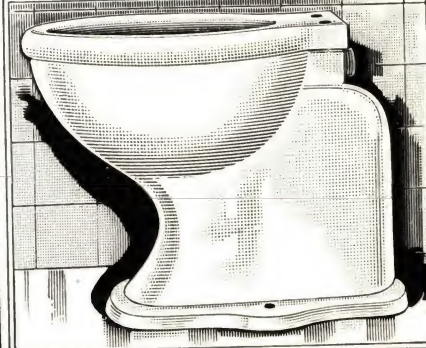


Syphon Action Bowl

Syphon action wash down closet bowls for low and high tank outfits. Made of the best grade of Vitreous earthenware, with highly glazed finish, sanitary and easily kept clean. Weight, about 50 lbs.

5-A-1301. With 2-in. spud for low closet outfits.....\$7.00

5-A-1305. With 1½-in. spud for high closet outfits.....\$7.00



Reverse Trap Bowl

Improved design wash-down Closet Bowl with reverse trap made of the highest grade Vitreous earthenware, finished with a high glaze. The design and construction of these bowls is considered the most sanitary closet bowls manufactured. Weight, 50 pounds.

5-A-1304. With 2-inch spud for low closet tanks. Price.....\$8.00

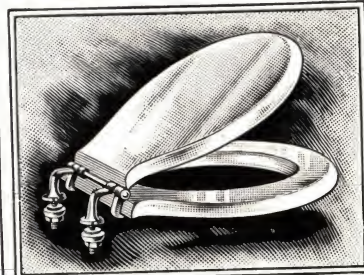
5-A-1306. With 1½-inch spud for high closet tanks. Price.....\$8.00



White China Tank

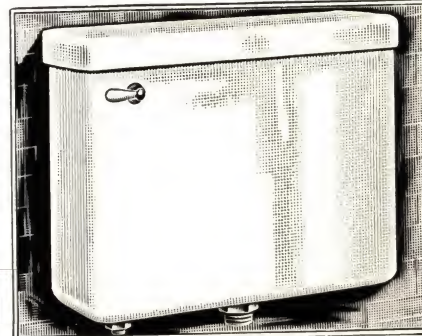
White Vitreous China Low Pattern Closet Tank. New, plain front design, round corners with flat shelf top.

5-A-1336. White Vitreous China Low Pattern Closet Tank. New, plain design, with rounded corners and flat shelf top. Quickly and easily hung with patent wall attachment. Will not crack, craze or leak—no linings—easily cleaned. Improved rubber ball valve. Heavy brass and copper fittings. Valve operated by white China lever. Furnished complete with ball cock, float valve and overflow; nickel plated supply pipe to floor and closet ell. Weight, about 60 pounds. Price.....\$14.00



Pearl White Seat

5-A-1310. These seats are exceptionally well constructed of hardwood and coated with a composition which is guaranteed not to chip or turn color. Furnished with nickel-plated bar hinge of heavy cast brass. Shipping weight, 15 lbs. Price.....\$5.00



Cast Iron White Tank

5-A-1334. These tanks are made of a heavy gray iron casting, coated with white porcelain enamel inside and out. They are unquestionably the most durable closet tank manufactured. Valve is operated with a China lever in front of the tank. Furnished with submerged ball cock, copper float valve and overflow, nickel-plated supply pipe to floor and nickel-plated closet ell. Weight, about 90 pounds. Price.....\$13.50



Oak Closet Tank

5-A-1325. Made of golden oak, highly polished; nickel plated push button. Fitted complete with Douglas pattern valve. Lined to water level with heavy sheet copper, capped off with heavy galvanized iron. Complete with ¾-inch nickel-plated supply pipe and nickel-plated floor flange. Shipping weight, about 45 lbs. 8 gallons. Price.....\$9.00



Mahogany Finished Seat

5-A-1312. Seat made of birch heavily constructed and reinforced. Beautiful Mahogany finish, furnished with cast brass nickel-plated bar hinge. Shipping weight, 15 lbs. Price.....\$3.00



Oak Closet Seat

5-A-1311. Made of selected Oak heavily constructed and reinforced. Finished with a beautiful Golden Oak finish. Furnished with heavy cast brass nickel-plated bar hinge. Shipping weight, 15 lbs. Price.....\$2.90



High Closet Tanks

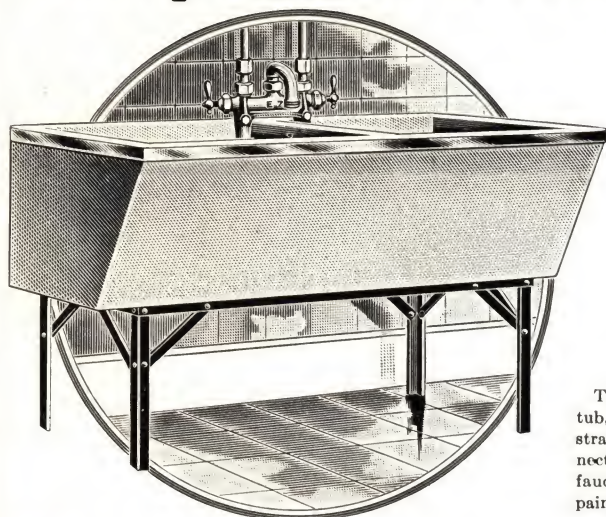
Top or Bottom Supply

Made of the best golden oak, highly polished. Attached to wall by concealed wall hangers. Furnished with nickel-plated chain and pull. Lined with heavy sheet copper, nickel plated flush pipe connection. Weight, about 30 lbs.

5-A-1315. High Tank Complete. Price, bottom supply.....\$8.00

5-A-1317. Tank, same as above. Price, top supply.....\$8.00

Composition Stoneware Laundry Tubs

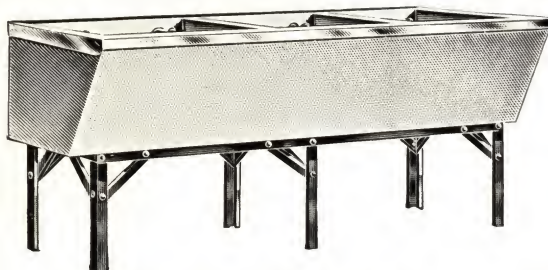


These laundry tubs are smoothly moulded in one solid piece from a composition of Portland cement and crushed granite. All designs with and without backs are made with rounded corners—sanitary and easily kept clean. They are fitted with a rust-proof metal top rim to protect them against chipping. Fitted complete with brass strainer, rubber plug and waste connection cast in the tub, which prevents leaky connections supported by painted steel stand. Polished brass $\frac{1}{2}$ in. plain flanged wash tray bibbs are furnished. We will furnish $1\frac{1}{2}$ " nickel plate brass P trap to wall. I P conn. for \$1.50 extra.

2-Part Tubs

Two-part composition laundry tub, fitted complete with brass strainer, rubber plugs, waste connection and improved mixing faucet opposite; supported by painted steel stand.

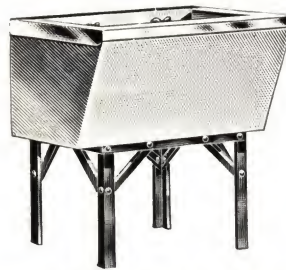
Order No.	Length inches	Width inches	Depth inches	Weight pounds	Price
5-A-1907	48	24	16	400	\$16.00
5-A-1908	54	24	16	450	18.00
5-A-1909	60	24	16	475	20.00



3-Part Laundry Tubs

Three-part composition laundry tub fitted complete with brass strainers, rubber plugs, waste connections and three pair of polished brass $\frac{1}{2}$ inch flanged wash tray bibbs; supported by painted steel stand.

Order No.	Length inches	Width inches	Depth inches	Weight pounds	Price
5-A-1913	72	24	16	600	\$22.50

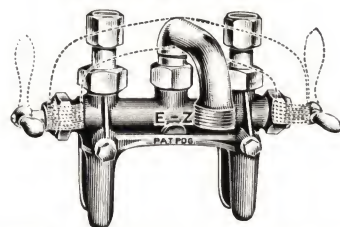


Single Laundry Tub

Single composition laundry tub fitted complete with brass strainer, rubber plug, waste connection and one pair of polished brass $\frac{1}{2}$ inch flanged wash tray bibbs; supported by painted steel stand.

Order No.	Lg. ins.	Wd. ins.	Dp. ins.	Wt. lbs.	Price
5-A-1901	25	24	16	200	\$ 9.00
5-A-1902	27	24	16	225	10.00
5-A-1903	31	24	16	250	10.50

Mixing Faucet



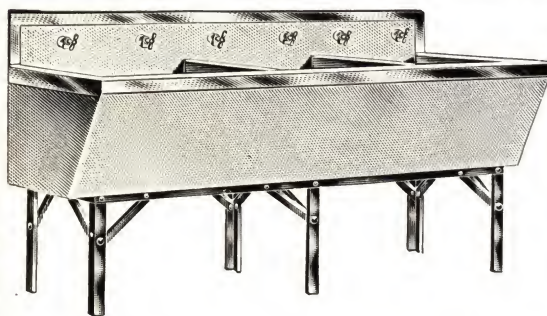
6-A-1917. Laundry tub water mixing faucet with swinging spout, which mixes water to right temperature and distributes the flow to both compartments. Makes installation of your laundry tubs quick and economical; saves at least 6 hours in installation time and more than its cost in fittings alone. Price, each.....\$3.50

Angle Steel Stand



Neat, strong folding angle steel stands are furnished with all of our laundry tubs—a decided improvement over the shaky, unsightly old style cast-iron legs. Your laundry tub set on this improved base will stand solid and rigid. Made of 1-inch angle iron with steel braces, painted black. Easy to set up, fold or open. There is no additional charge for this improvement.

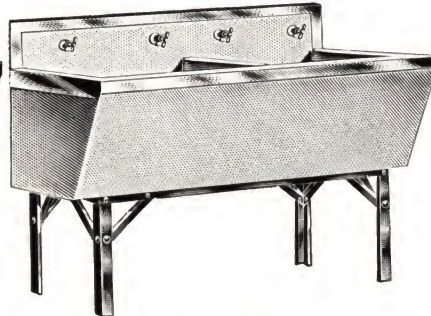
Desirable High Back Laundry Tubs



3-Part Laundry Tubs

High back three-part composition laundry tub fitted complete with brass strainers, rubber plugs, waste connections and three pairs of polished brass $\frac{1}{2}$ inch flanged wash-tray bibbs; supported by painted steel stand.

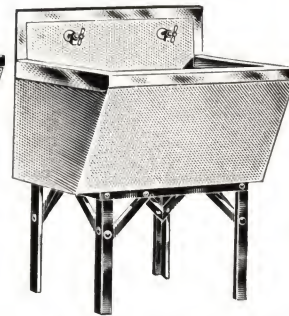
Order No.	Length ins.	Width ins.	Depth ins.	Weight lbs.	Price
5-A-1916	72	24	16	650	\$28.00



2-Part Laundry Tubs

High back two-part composition laundry tub fitted complete with brass strainers, rubber plugs, waste connection and two pairs of polished brass $\frac{1}{2}$ inch flanged wash tray bibbs; supported by painted steel stand.

Order No.	Length ins.	Width ins.	Depth ins.	Weight lbs.	Price
5-A-1910	48	24	16	450	\$18.00
5-A-1911	54	24	16	500	22.00
5-A-1912	60	24	16	525	24.00



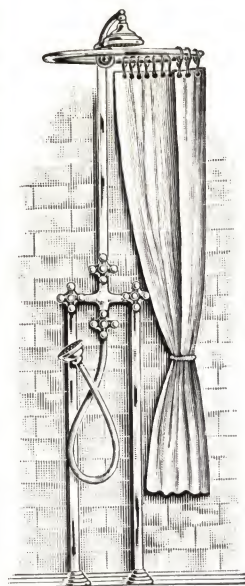
Single Laundry Tub

High back single composition laundry tub, fitted complete with brass strainer, rubber plug, waste connection and one pair of polished brass $\frac{1}{2}$ -in. flanged wash-tray bibbs; supported by painted steel stand.

Order No.	Lg. ins.	Wd. ins.	Dp. ins.	Wt. lbs.	Price
5-A-1904	25	24	16	225	\$10.00
5-A-1905	27	24	16	250	11.00
5-A-1906	31	24	16	275	12.50

Miscellaneous Plumbing Articles at a Saving

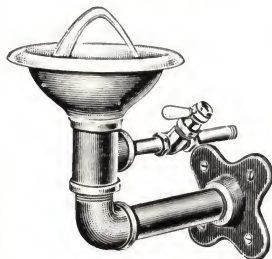
Factory Sinks at Great Savings



Shower Outfit

5-A-3071. Nickel Plated Brass Shower Bath with Head Shower and Shampoo Attachment, Rubber Hose and Sprinkler, 1/2 inch Supply Pipes and floor with check valves, China Indexed Controlling Valves and Duck Curtain.....**\$25.00**

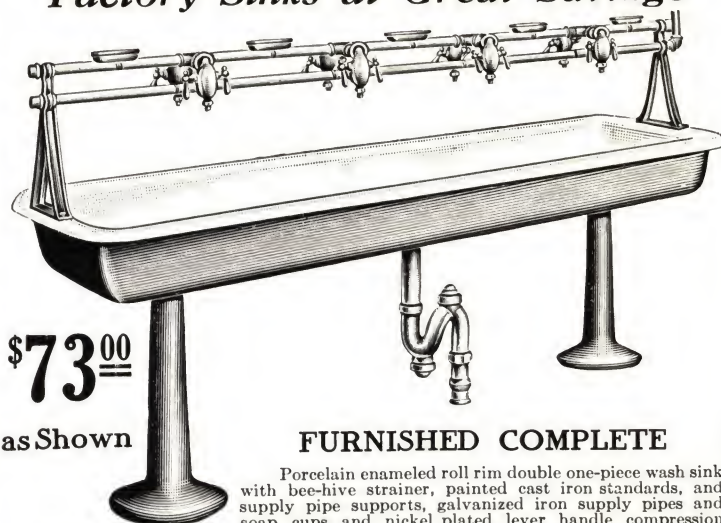
Ajax Bubbling Fountain



This bowl is similar in construction to our Lot No. 5-A-2510, excepting that the waste and supplies go to the wall instead of to the floor. It is adapted for places where economy of space is desired. It is equipped with nickel plated, self-closing stop with lever handle.

Lot No. 5-A-2515. Bowl painted outside and enameled inside.....**\$11.25**

5-A-2516. Bowl enameled inside and outside.....**\$12.60**



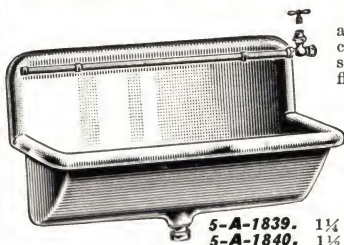
\$73⁰⁰
as Shown

FURNISHED COMPLETE

Porcelain enameled roll rim double one-piece wash sink with bee-hive strainer, painted cast iron standards, and supply pipe supports, galvanized iron supply pipes and soap cups and nickel plated lever handle compression double wash sink faucets, with stream regulators. Width of sink, 28 inches. Depth, 8 inches.

6-A-2519.	4 ft. long, enameled inside, with 4 faucets.....	\$73.00
5-A-2521.	6 ft. long, enameled inside, with 6 faucets.....	89.00
6-A-2526.	8 ft. long, enameled inside, with 8 faucets.....	110.00
Same as above, with 1/2 in. Compression Faucets.		
5-A-2518.	4 ft. long, complete with 8 faucets.....	\$69.00
5-A-2520.	6 ft. long, complete with 12 faucets.....	82.00
5-A-2525.	8 ft. long, complete with 16 faucets.....	99.50

Porcelain Enamel Urinals—Roll Rim \$15.75



Porcelain enameled roll rim urinals, all in one piece. They are supported on concealed wall hangers and have beehive strainer and coupling and perforated flush pipe with loose key stop.

	Prices
5-A-1833. Size, 24 inches long.....	\$15.75
5-A-1834. Size, 30 in. long.....	\$18.00
5-A-1835. Size, 36 in. long.....	20.40
5-A-1836. Size, 42 in. long.....	22.70
5-A-1837. Size, 48 in. long.....	25.00
5-A-1838. Size, 60 in. long.....	32.00
5-A-1839. 1 1/4 inch Nickel Plated P Trap.....	2.30
5-A-1840. 1 1/2 inch Nickel Plated P Trap.....	2.60

Enameled Roll Rim Slop Sinks

Order No. **5-A-1091.** Porcelain enameled roll rim slop sink, with back, all in one piece, on trap standard, with cleanout and waste to wall 12 in. high roll rim back, outlet threaded for 2 in. iron pipe.

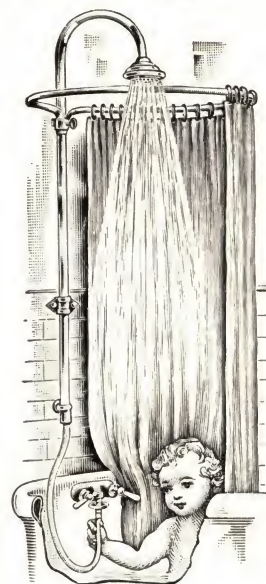
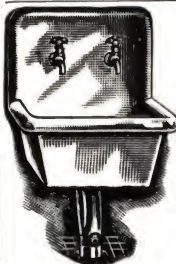
Size—16x20x12—Enameled inside only.....**\$23.60**

Size—18x22x12—Enameled inside only.....**\$27.35**

Size—20x24x12—Enameled inside only.....**30.70**

Extra for 2—3/4 in. Nickel-Plated Fuller Flange

Bibbs.....**3.50**



Shower Outfit

5-A-3069. Polished aluminum portable shower bath with heavy duck curtain. Portable and adjustable to various heights. Furnished complete as pictured with "hold fast" rubber bulb and rubber hose to 1/2 in. pure aluminum feed pipe.

Shipping weight, 10 lbs. Complete outfit.....**\$8.75**

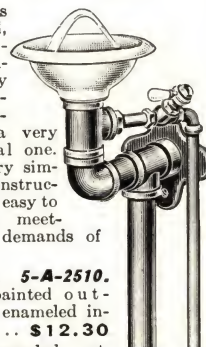
Hercules Bubbling Fountains

This beautiful, up-to-date Sanitary Drinking Fountain is a very practical one. It is very simple in construction and easy to put up, meeting the demands of all.

Lot No. 5-A-2510.

Bowl painted outside and enameled inside.....**\$12.30**

Bowl enameled outside and inside.....**\$13.65**



Premier Slop Hopper

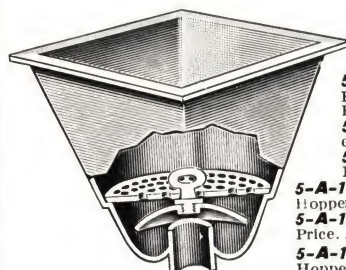


Illustration shows our "Premier" painted and enameled iron Slop Hopper. It is furnished complete as shown and made of the very best material, and made in three sizes.

5-A-1865. Size 12x12 inches. Painted Hopper. Price.....**\$4.55**

5-A-1866. Size 12x12 inches. Enameled Hopper. Price.....**\$5.95**

5-A-1867. Size 14x14 inches. Painted Hopper. Price.....**\$5.10**

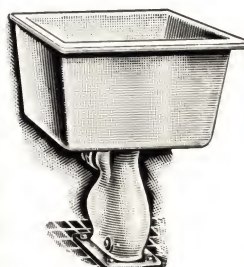
5-A-1868. Size 14x14 inches. Enameled Hopper. Price.....**\$6.40**

5-A-1869. Size 16x16 inches. Painted Hopper. Price.....**\$5.65**

5-A-1870. Size 16x16 inches. Enameled Hopper. Price.....**\$6.90**

Tapped for 2 inch Iron Pipe.....**75c**

Enameled Iron Flat Rim Slop Sink

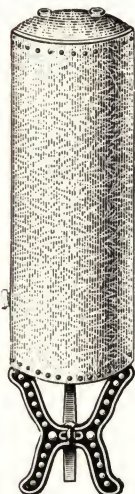


5-A-1877. Illustration shows our enameled iron flat rim Slop Sinks, which are furnished on the trap standard with cleanout and brass vent connections.

	Prices
Size 16x16x10 inches.....	\$14.50
16x20x12 inches.....	\$16.15
18x22x12 inches.....	18.20
20x22x12 inches.....	19.90
20x24x12 inches.....	20.75

They are shipped from our factory in Southern Wisconsin

Hot Water Storage Tanks



Galvanized Range Boilers Standard Weight

Guaranteed full weight. Tested to a working pressure of 150 pounds. Furnished complete with stand, galvanized inside tube and malleable iron couplings. Opening at top for cold water intake and hot water outlet. Opening at bottom for drain for use where average pressure is not over 85 pounds.

Extra Heavy

Heavier and more substantial than our standard range boilers. Tested to 250 pounds working pressure. Recommended for use where working pressure is not over 150 pounds.

Please Note:

Range boilers can only be used where there is a constant water supply under pressure. Openings are arranged with couplings for connection to stove or furnace for hot water supply from your faucets.

No. 5-A-2101 Standard Boilers

Cap., Gals.	Ht., in. Boiler	Ht., in. Incl. Stand	Wt., Lbs.	Boiler only	Price, comp.
30	60	75	72	\$ 9.00	\$11.00
40	60	75	85	11.50	13.50
52	60	75	120	19.00	22.00

No. 5-A-2109 Extra Heavy Boilers

Cap., Gals.	Ht., in. Boiler	Ht., in. Incl. Stand	Wt., Lbs.	Boiler only	Price, comp.
30	60	75	87	\$12.25	\$14.25
40	60	75	100	15.50	17.50
52	60	75	135	28.00	31.50

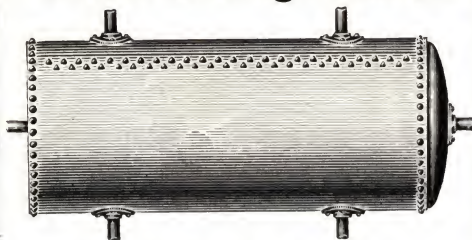


Cast Iron Stand for Range Boilers

These stands are made of high grade gray cast iron. They are extra strong and are made to carry an overload far beyond the capacity we list. The height is 15 inches.

Order No.	Diam. Stand	For Boiler	Price, Each
5-A-2117	12-in.	30 gal.	\$0.70
5-A-2121	14-in.	40 gal.	.70
5-A-2123	16-in.	52 gal.	1.75

Water Storage Tanks



Order No. 5-A-2705

These splendid storage tanks are made up of finest quality steel plate, securely joined, heavily and closely welded throughout. Shell head of $\frac{3}{4}$ inch steel, convex head of $\frac{3}{4}$ inch steel. Concave heads of all tanks including 525 gallon size of $\frac{1}{2}$ inch steel; larger sizes have concave head made of $\frac{3}{4}$ inch steel. They are carefully tested to 100 pounds hydrostatic pressure and are recommended for use where water working pressure does not exceed 65 pounds. Regularly made with flanged openings as shown. Can be used in a horizontal or vertical position.

Approx. Capac. Gallons	SIZES		Approx. Weight Pounds	Regular Open. Inches	Price Each
	Diam. Inches	Length Feet			
85	20	5	310	1 1/2	\$ 26.00
100	24	4	330	1 1/2	28.00
120	24	5	380	1 1/2	31.00
140	24	6	440	1 1/2	34.00
180	30	5	500	2	40.00
220	30	6	560	2	44.00
250	30	7	630	2	50.00
295	30	8	700	2	53.00
315	36	6	700	2	51.00
420	36	8	870	2	63.00
525	36	10	1030	2	68.00
430	42	6	890	2	69.00
575	42	8	1070	2	85.00
720	42	10	1250	2	95.00

Galvanized Water Heating "Peerless" Range Boilers

The heat generated in the burner strikes the water spreader or disc and passes directly into the water, causing it to circulate. The disc or spreader is used for the purpose of spreading water; it also prevents the flame from coming in contact with the bottom of the boiler, thus protecting it against the gas flame. In The Peerless we have nothing to conceal.

The cold water is carried to the bottom of the disc through the left hand pipe and comes instantly in contact with the hottest part of the boiler, just above the flame. It is quickly heated, and as it is warmed, rises through the center tube to top of boiler.

The heat, after passing around the disc, continues all the way up through the center of boiler.

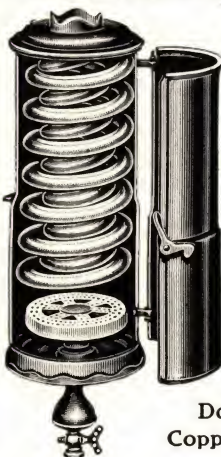
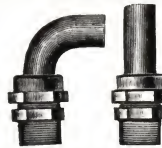


Lot No.	Lgth.	Diam.	Price, each
5-A-5118	3 ft.	12 ins.	\$24.00
Capacity, 18 Gallons.			
5-A-5124	4 ft.	12 ins.	25.00
Capacity, 24 Gallons.			
5-A-5130	5 ft.	12 ins.	26.00
Capacity, 30 Gallons.			
5-A-5140	5 ft.	14 ins.	32.00
Capacity, 40 Gallons.			

Galvanized Range Boiler Couplings

These Couplings are made of the best grade Malleable Iron heavily galvanized. Threaded for Iron Pipe Connections.

Lot No. 5-A-2125. Per Set. \$1.30



Gas Burning Water Heater

Fast Efficient Water Heater

Double Copper Coil

Fast heating, efficient, double copper coil water heater, designed to meet most exacting requirements.

Made with double copper coil. Cast iron jacket of neat design. Hinged door forms half of jacket. All casting fired Japanned. 3-inch flue connection. $\frac{1}{2}$ -inch gas supply, $\frac{3}{4}$ -inch water supply. Thoroughly tested.

5-A-2134. Size No. 20. 18 ins. high, 7 ins. in diameter, $\frac{3}{4}$ in. copper tubing, 18 ft. long. Weight, 28 pounds. \$5.95 Price, each.

5-A-2136. Size No. 25. 22 ins. high, 7 ins. in diameter, with $\frac{3}{4}$ in. tube, 20 ft. long. Weight, 35 pounds. \$9.75 Price, each.

Peerless AUTOMATIC Storage Gas Water Heaters

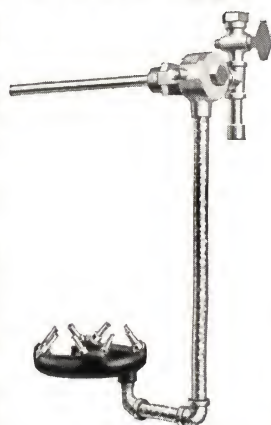
26 Gallon Capacity **\$39.00**

In Ordering State Whether for Natural or Manufactured Gas

The Peerless Automatic, gas heating, hot water storage outfit is designed to give you an abundance of hot water every hour of the day and night. Being automatic it removes the necessity of lighting the gas every time you want hot water.

The Peerless is easily installed and when it is once placed in your home your hot water problem is solved. Built to render many years of trouble free service. Comes complete with heavy galvanized iron tank, brass gas and drain cocks, burner, Thermostat and legs.

Can be used only where running water and gas are supplied under pressure. In ordering state whether for natural or manufactured gas.

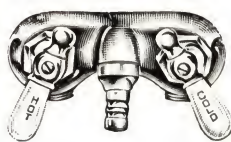


Showing the simple and efficient Robertshaw Thermostat control and Barber gas burner which are controlled and automatically operated by the degree of heat of the water in the boiler.

Number	Size		Actual Holding Capacity	Shipping Weight, Each	Price
	Diameter	Height			
5-A-24	12 inches	4 feet	18 gallons	130 pounds	\$37.00
5-A-30	12 "	5 "	24 "	145 "	39.00
5-A-32	14 "	4 "	26 "	148 "	39.00
5-A-40	14 "	5 "	32 "	170 "	52.00
5-A-42	16 "	4 "	34 "	175 "	55.00
5-A-52	16 "	5 "	44 "	200 "	69.00

Faucets-Cocks & Plumbing Accessories

Indexed Compression Double Bath Cock



Made of brass, nickel plated; china index lever handles. The large chamber at back thoroughly mixes water.

5-A-3104. Price with lead pipe, tall pieces..... **\$2.75**
5-A-3106. Price with iron pipe, tall pieces..... **\$3.25**

Fuller Basin Cock



Cast brass, heavy design, finely nickel plated. Generally sold in pairs, one right and one left hand, but will single. State whether right or left hand is required.

5-A-3110. Price with iron pipe, tall piece. Each..... **\$1.40**

Indexed Fuller Double Bath Cock



\$2.75

Made of heavy cast brass, handsomely nickel plated. Guaranteed to be the best cock on the market.

5-A-3101. Price with lead pipe, tall piece..... **\$2.75**
5-A-3103. Price with iron pipe, tall piece..... **\$3.25**

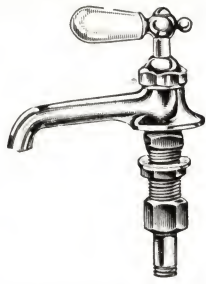
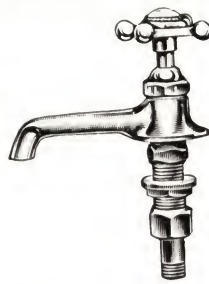
Self Closing Faucet

Compression Nickel-Plated Self-Closing Faucet with china top marked "Hot" or "Cold." Low pattern. Mention index wanted.

5-A-3122. Price with lead pipe, tall pieces..... **\$3.00**
5-A-3124. Price with iron pipe, tall pieces..... **\$3.25**



\$3.00



Made of cast brass, heavy design, nickel plated; white china handles indexed "hot" or "cold." Generally sold in pairs, but if ordered single, state whether right or left hand and hot or cold faucet is wanted.

5-A-3110 1/2. Price with iron pipe, tall piece, each..... **\$1.65**

Handsome, serviceable heavily nickel plated Basin Cock. The body and spout are cast solid in one piece. White porcelain plate marked "Hot" or "Cold." If not ordered in pairs, be sure and state index desired.

5-A-3125. Price with iron pipe, tall piece, each..... **\$1.00**

Heavily nickel plated basin cock, serviceable and attractive. Body and spout in one piece. Fitted with white porcelain lever handle. When ordering, state whether right or left cock is wanted.

5-A-3126. Price with iron pipe, tall piece, each..... **\$1.10**



Nickel Safety Chain

5-A-5900. Nickel plated safety chain used on plugs, stoppers, closet puller, etc. Price, per yard..... **10c**



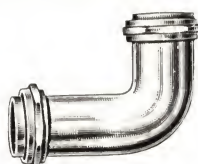
Closet Screws and Washers

5-A-3191. Nickel Plated Heavy Pattern Head Closet Screws and Washers, 2 1/4 inches under the head. Price, per set of 12 pieces..... **15c**



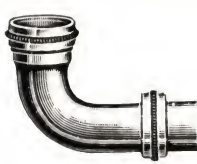
OFFSET SLIP JOINT CONNECTIONS

5-A-3197. Made of brass, nickel plated. Size, 2x2x6 inches. For use with low down closet tanks and syphon jet bowls. Price, each..... **95c**



SLIP JOINT CONNECTION

5-A-3185. These elbows are made of brass and are heavily nickel plated. Sizes 2x4x3 in., to be used with low-down closet tanks and wash-down bowls. Price, each..... **90c**



ONE-QUARTER BEND SLIP JOINT CONNECTION

5-A-3196. Heavily Nickel Plated Brass Slip Joint Connections, size 1 1/4 inch by 1 1/4 inch, for use with high closet tanks and wash down bowls. Price, each..... **70c**

Supply and Flush Pipes for High Closet Tanks



Offset Supply Pipe

5-A-3194. Nickel Plated; made of 3/8-in. heavy brass tubing; use with high tank closet outfits, each, **\$1.75**

Offset Flush Pipe

5-A-3193. Nickel Plated; use with high tank closet outfits. Heavy brass tubing, 1 1/4 in. x 5 1/2 ft. long, 3 in. offset, 1 1/2 in. collar. **\$1.85**

Basin Supply Pipes

5-A-3171. Nickel plated Basin Supply Pipes to wall, plain, made of heavy 3/8 in. brass tubing fitted with coupling to fit basin cock, nickel plated flanges. Price, per pair, **\$2.00**



Straight Basin Supply Pipes

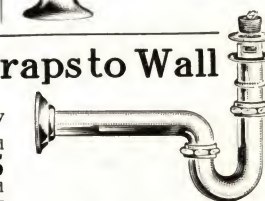
5-A-3173. Straight basin supplies made of heavy tubing. Size 3/8 inch, fitted with nickel plated coupling threaded to fit basin cocks, furnished with nickel plated floor flanges. Price, per pair..... **\$2.00**

Bath Tub Supply Pipes

5-A-3167.

Nickel plated straight bath supply pipes, made of heavy 1/2 inch tubing fitted with coupling, threaded to connect with tall pieces on bath cock, complete with floor flanges.

Price, per pair..... **\$2.00**



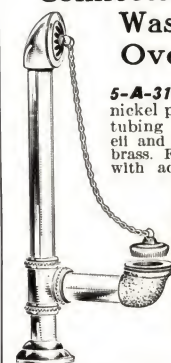
Lavatory "P" Traps to Wall

LAVATORY TRAPS

Made of brass tubing. Is heavily nickel plated.

5-A-3145. 1 1/4-inch nickel plated plain "P" trap. For lead pipe connections. Price, each..... **\$2.25**
5-A-3146. 1 1/4-inch nickel plated plain "P" trap. For iron pipe connection. Price, each..... **\$2.75**

Connected Bath Waste and Overflow



5-A-3131. Heavy nickel plated brass tubing with nuts, ell and shoe of cast brass. Furnished with adjustable tee and nickel plated floor flange; nickel plated chain and rubber stopper. Price, each, **\$2.40**

Lavatory "S" Traps To Floor



5-A-3157. 1 1/4-inch nickel plated "S" trap. For lead pipe connection. Price, each, **\$2.50**
5-A-3158. 1 1/4-inch nickel plated "S" trap. For iron pipe connection. Price, each..... **\$3.00**



Soldering Bushing

5-A-3198. Soldered to lead pipe to make iron pipe connections. Size, 1 1/4 in. Price..... **20c**
5-A-3199. Size, 1 1/2 inch. Price..... **24c**

Cock Hole Covers

5-A-3190. Porcelain Enamelled Cock Hole Covers for bath tubs, sinks and lavatories. Price, each..... **20c**

Stop Cocks & Plumbing Accessories

Gasoline Blow Torch



5-A-2911. Equipped with soldering iron attachment. Made of heavy brass and has non-leakable valves. The safest and best torch on the market. Fully guaranteed.
Capacity, 1 qt. Price... \$5.95

Pig Lead for Calking



5-A-159. Pig lead for calking and all plumbing work.
Per pound..... 14c

Babbitt Metal



Intended to be used in bearings of various kinds. The different grades of babbitt that we offer we guarantee to be of the very best composition.

PREMIER BABBITT

5-A-6503. A special mixture embodying anti-friction ingredients, used on high speed engines.
Price, per pound..... 35c

No. 3 BABBITT METAL

5-A-6507. Used for bearings of low speed machinery. Price, per pound..... 13c

Spun Oakum

Used for calking soil pipe and fittings. Comes in 50 lb. bales.

5-A-2907. Price, per full bale..... \$5.50

5-A-2908. In less than full bales, per lb..... 12c



Calking Chisel



5-A-2923. Plumbers' calking chisel, made of special tool steel. Price, each..... 25c

Yarning Irons

5-A-2925. Plumbers' yarning iron, made of special tool steel. Price, each..... 25c

Bending Springs

5-A-2897. Used for bending lead pipe. Made of the best quality of spring steel.

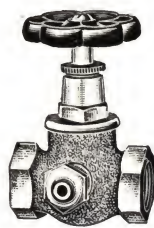
Size, inches..... 1 1/4 1 1/2
Price, each..... 50c 58c

Compression Stop Cock



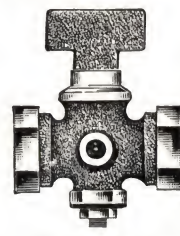
"T" Handle Brass Stop for Iron Pipe.

5-A-3011. Each
Size, 1/2 inch.. \$0.53
Size, 3/4 inch.. .75
Size, 1 inch.. 1.32
Size, 1 1/4 inch.. 2.25
Size, 1 1/2 inch.. 3.75



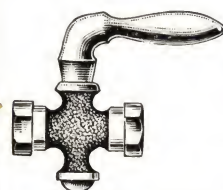
5-A-3012. Improved automatic compression waste valve. First or last half turn of handle closes or opens flow. Cannot waste under full compression. Threaded for iron pipe.

Size, 1/2 inch..... \$0.65
Size, 3/4 inch..... .78
Size, 1 inch..... 2.00



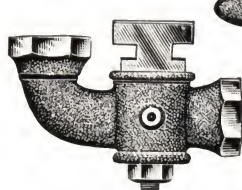
"T" Handle Brass Stop and Waste for Iron Pipe.

5-A-3013. Each
Size, 1/2 inch.. \$0.55
Size, 3/4 inch.. .77
Size, 1 inch.. 1.35
Size, 1 1/4 inch.. 2.30
Size, 1 1/2 inch.. 3.80



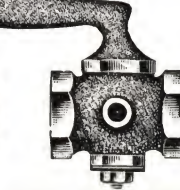
Lever Handle Brass Stop for Iron Pipe.

5-A-3019. Each
Size, 1/2 inch..... \$0.53
Size, 3/4 inch.. 1.32
Size, 1 inch.. 2.25
Size, 1 1/4 inch.. 3.75



Brass Hydrant Cock with Waste for Iron Pipe.

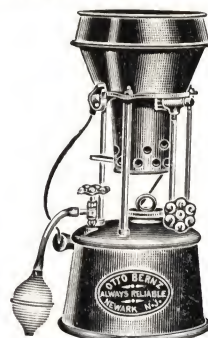
5-A-3027. Each
Size, 3/4 inch..... \$1.40
Size, 1 inch..... 2.05
Size, 1 1/4 inch..... 3.25



Lever Handle Brass Stop and Waste for Iron Pipe.

5-A-3021. Each
Size, 1/2 inch..... \$0.55
Size, 3/4 inch.. .77
Size, 1 inch.. 1.35
Size, 1 1/4 inch.. 2.30
Size, 1 1/2 inch.. 3.80

Gasoline Blast Furnace



5-A-2913. Fitted with shield to hold melting pot. This furnace will produce quicker and hotter flame than any other furnace of its kind on the market.

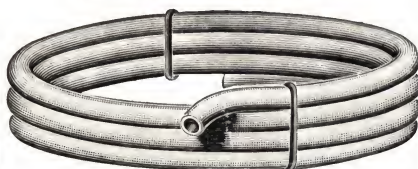
Price..... \$6.25

Plumbers' Solder



5-A-2895. Made of proper proportions of pure block tin and pig lead. Comes in bars weighing about 1 1/4 lbs. each. We sell full bars only. Guaranteed to be the best plumbers' solder on the market. Price, per bar..... 60c

LEAD PIPE



We will furnish this pipe cut in lengths you may require. Prices are based on present market conditions. We will offer Lead Pipe subject to market changes.

5-A-2801. For waste pipe:
Diameter, inches..... 1 1/4 1 1/2 2 4
Weight, per foot..... 2 lb. 3 lb. 4 lb. 5 lb.
Price, per foot..... 36c 54c

5-A-2803. Strong Lead Pipe.
Diameter, inches..... 3/4 1 1/2
Weight, per foot..... 2 1/2 lb. 3 lb.
Price, per foot..... 46c 55c

Sheet Lead



5-A-2805. Sheets are 24 inches wide.

Thickness, inches..... 1/32 1/16
Weight, per square foot..... 2 lbs. 4 lbs.
Price, per square foot..... 44c 80c

Melting Pots



5-A-2915. To be used in connection with our Gasoline Bulb Blast Furnace. Price..... 50c

Melting Ladles



5-A-2917.
Size, across bowl, inches..... 3 5
Price..... 45c 68c

Soldering Outfit



A handy outfit for the man who wants to do repair work around the house. For outside work, we suggest that you include one of our blow torches described on this page. Five pieces complete: 1-lb. Soldering Copper, with handle; 1 Plumber's Scraper; 1 Bar of Solder, about 1 1/4 lbs.; 1 Coil of Wire Solder, 1/4 lb.; 1 Piece of Rosin.

5-A-4900 \$1.25

Soldering

Coppers

5-A-2937. Weight, 1 lb. each. Furnished without handles. Price, each..... 50c

5-A-2939. 2-lb. Soldering Copper. Each..... \$1.00

Box Wood Dresser

5-A-2935. Plumbers' Box Wood Dresser.
Price, each..... \$1.00



Oval Shave Hook

5-A-2929. Plumbers' oval shave hook, crucible steel blade. Price, each..... 25c



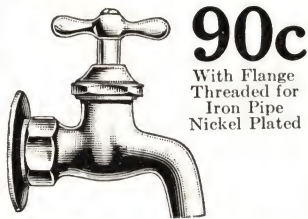
Bending Pins

5-A-2927. Plumbers' bending pins. Price, each..... 20c

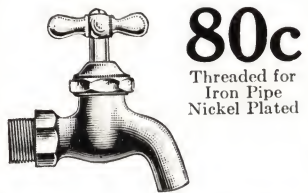


Best Faucets, Bibbs and Cocks

Compression Plain Bibbs



90c
With Flange
Threaded for
Iron Pipe
Nickel Plated
5-A-2959......**90c**
Size, 1/2 inch.
5-A-2961......**\$1.20**
Size, 3/4 inch.
Brass finished 20c less

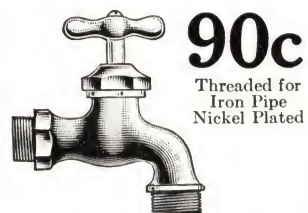


80c
Threaded for
Iron Pipe
Nickel Plated
5-A-2951......**80c**
Size, 1/2 inch.
5-A-2953......**97c**
Size, 3/4 inch.
Brass finished 20c less

Compression Hose Bibbs



\$1.05
With Flange
Threaded for
Iron Pipe
Nickel Plated
5-A-2963......**\$1.05**
Size, 1/2 inch.
5-A-2965......**\$1.30**
Size, 3/4 inch.
Brass finished 20c less



90c
Threaded for
Iron Pipe
Nickel Plated
5-A-2955......**90c**
Size, 1/2 inch.
5-A-2957......**\$1.10**
Size, 3/4 inch.
Brass finished 20c less

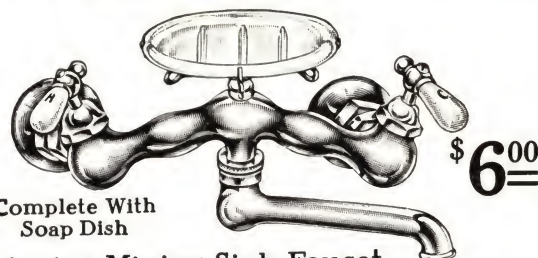
Plain Compression Laundry Bibb

5-A-3501. Polished brass. For 1/2 inch iron pipe. Shipping weight, about 8 oz. Price.....**45c**

Compression Hose Laundry Bibb

5-A-3502. Same as No. 5-A-3501, but for 3/4 inch hose connection. Price.....**50c**

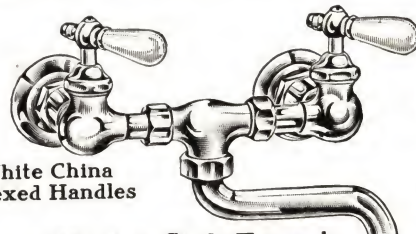
Swinging Mixing Faucets



Complete With
Soap Dish

Swinging Mixing Sink Faucet

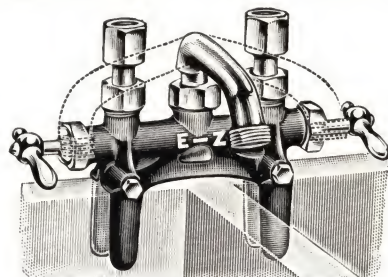
5-A-1603. Latest improved swinging mixing faucet for kitchen sinks. Made of heavy brass, highly nickel plated. Fitted with white China handles indexed for hot and cold water. The long spout mixes hot and cold water to just the right temperature and distributes the flow to all parts of the sink. White porcelain China soap dish supported by neat nickel plated bracket attached to top of faucet. Designed to fit standard openings in kitchen sinks. Made with flange and threaded for 1/2 inch pipe connections. Price, each.....**\$6.00**



White China
Indexed Handles

Swinging Mixing Sink Faucet

5-A-1604. Mixing faucet with swinging spout for kitchen sinks. Designed to fit standard openings of all sinks. White China handles indexed for hot and cold water. Long spout mixes hot and cold water to the right temperature and enables you to distribute the flow practically to any part of the sink. Made with flange and threaded for 1/2 inch iron pipe connections. Made of brass highly nickel plated. Price, each.....**\$5.00**



Saves
Time
and
Fittings

Swinging Mixing Laundry Tub Faucet

5-A-1605. Improved laundry tub faucet. Quickly and easily connected to any laundry tub; saves more than half of the time required for installation and more than its cost in fittings alone. The long spout mixes water to the right temperature and enables you to distribute the flow to both compartments of your laundry tub. Made of brass highly nickel plated. Fitted with adjustable lock nuts threaded for iron pipe connections. Price, each.....**\$3.50**



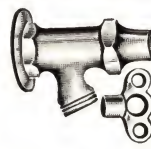
Boiler Cock

5-A-2129. Boiler drain cock. Made of solid brass in rough finish. Threaded for standard hose couplings, 1/2 inch connection to range or heating boiler. Price, each.....**40c**



Sill Cock

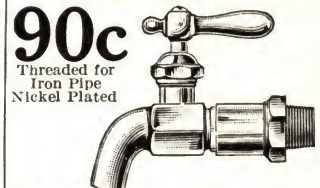
5-A-3035. Compression sill cock with 3/4 inch threaded for standard hose coupling and threaded for connection to 3/4 inch iron pipe. Made of brass in rough finish with iron wheel. Price, each.....**75c**



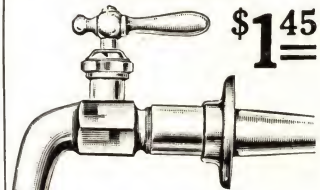
Sill Cock

5-A-3500. Compression sill cock with loose key. Made of polished brass. Cast key. Size, 3/4 inch. Protects your water supply and prevents leakage. Price, each.....**85c**

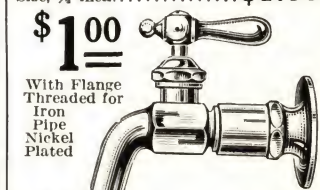
Fuller Pattern Plain Bibbs



90c
Threaded for
Iron Pipe
Nickel Plated
5-A-2967......**90c**
Size, 1/2 inch.
5-A-2969......**\$1.00**
Size, 3/4 inch.
Brass finished 15c less

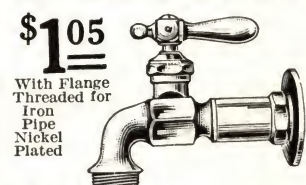


\$1.45
With Flange for Lead Pipe Connection.
Nickel Plated.
5-A-2991......**\$1.45**
Size, 1/2 inch.
5-A-2993......**\$1.55**
Size, 3/4 inch.

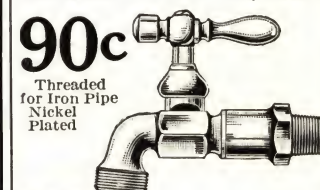


\$1.00
With Flange
Threaded for
Iron Pipe
Nickel Plated
5-A-2975......**\$1.00**
Size, 1/2 inch.
5-A-2977......**\$1.25**
Size, 3/4 inch.

Fuller Pattern Hose Bibbs

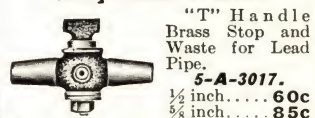


\$1.05
With Flange
Threaded for
Iron Pipe
Nickel Plated
5-A-2979......**\$1.05**
Size, 1/2 inch.
5-A-2981......**\$1.20**
Size, 3/4 inch.



90c
Threaded
for Iron Pipe
Nickel Plated
5-A-2971......**90c**
Size, 1/2 inch.
5-A-2973......**\$1.00**
Size, 3/4 inch.

Stop and Waste



"T" Handle
Brass Stop and
Waste for Lead
Pipe.
5-A-3017.
1/2 inch.....**60c**
3/4 inch.....**85c**

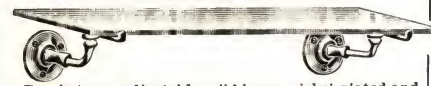
Hydrant Clamps

21-A-3029. Each
Size, 1/2 inch.....**8c**
Size, 3/4 inch.....**9c**
Size, 1 inch.....**10c**
Size, 1 1/4 inch.....**11c**



Latest Bathroom Fixtures

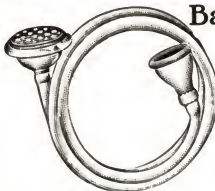
Plate Glass Shelves



Brackets are adjustable solid brass, nickel-plated and highly polished. Plate glass shelf is polished and has rounded edges.

5-A-3027. Size of shelf, 18x5 inches. **\$1.50**
Price, each.....
5-A-3028. Size of shelf, 24x5 inches. **\$1.80**

Bath Spray



Rubber bound, brass, nickel plated spray, 3 inches diameter, with 5 feet pure white rubber tubing, with holdfast rubber bulb.

5-A-3019. **90c**
Price, each....

Towel Bars



Made of 1/2-inch brass tubing, heavily nickel-plated with cast posts, complete with screws. Each

5-A-3085. 15 inches long. **75c**
5-A-3087. 18 inches long. **80c**
5-A-3089. 21 inches long. **83c**
5-A-3091. 24 inches long. **86c**



Brackets are made of solid cast brass, heavily nickel-plated and polished. The shelf is made of plate glass, polished, with rounded edges. The bar is of solid round glass, 1 inch diameter, and can be readily removed.

5-A-3031. Size of shelf, 18x5 inches. **\$3.70**
Price, each.....
5-A-3032. Size of shelf, 24x5 inches. **\$4.00**
5-A-3033. Size of shelf, 30x5 inches. **4.25**



Detachable Hand Brush. The ideal thing for your bath room. Made of the highest class bristles

and warranted to wear. Its construction is such that it will last a good many years.

5-A-3201. Each. **40c**

Glass Bar



Bar is made of clear 3/4 inch diameter. Posts are cast brass, heavily nickel plated and complete with screws. Each

5-A-3061. 15 inches long. **90c**
5-A-3062. 18 inches long. **\$1.00**
5-A-3063. 24 inches long. **1.15**



5-A-532. Made with two 1/4 inch rods 10 inches long.

Price, each..... **95c**

5-A-533. Made with three 1/4 inch rods 10 inches long.

Price, each..... **\$1.15**



5-A-3065. Tumbler

Holders. Solid brass, heavily nickel-plated and highly polished. Complete, with screws.

Price, each..... **60c**



5-A-3066. Tumbler and tooth

brush holder combined. Solid brass, heavily nickel-plated and highly polished. Complete with screws.

Price, each..... **69c**

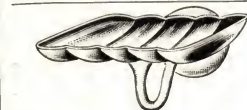


5-A-3075. The rods are heavily nickel-plated, ends are rubber covered to protect bath tub. The seat is of finished oak. Will fit any bath tub. Size, 18x6 in.

Price, each..... **90c**

5-A-3025. Same as above, 5-coat white enamel finish. The handsomest Bath Seat made.

Price, each..... **\$1.00**



5-A-3041. Soap Dish. Made to fasten to wall. Solid brass, heavily nickel plated and highly polished. Complete with screws.

Price, each..... **55c**



5-A-294. Door bumper and coat hook made of cast brass; nickel plated. 4 in. long.

Price, each..... **98c**



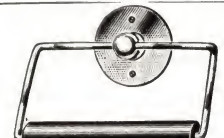
5-A-291. Water bag hook made of cast brass. Nickel plated. 5 inches long.

Price, each..... **70c**



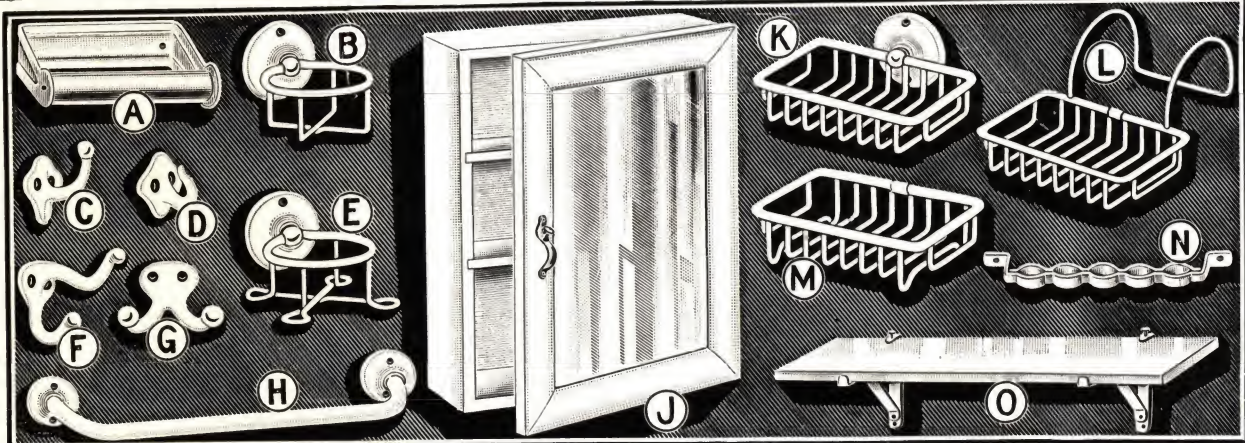
5-A-3035. Whisk broom holder. Made of brass, heavily nickel plated, highly polished, and complete with screws.

Price, each..... **30c**



5-A-3003. Toilet Paper Holder. Made of brass, heavily nickel-plated and highly polished, with ebony roller.

Price, each..... **22c**



"Maid-EN-White" and Nickel-Plated Bathroom Fixtures

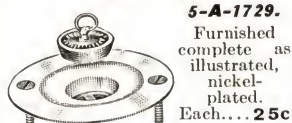
Made of heavy weight material, beautifully designed and smoothly finished. Nickel-plated fittings are guaranteed not to peel or tarnish. The white enameled fittings are guaranteed not to crack, peel or discolor. By a special process, the parts used in the construction of these fittings are joined together by expanding

the metal so that the entire piece is practically one. No solder is used on these fixtures. All "Maid-EN-White" fixtures requiring screws are furnished with white enameled screws; nickel-plated fixtures with nickel-plated screws.

Item	White Enameled	Nickel Plated	Item	White Enameled	Nickel Plated	Item	White Enameled	Nickel Plated
"A" Toilet Paper Holder.....	\$0.55	\$0.30	"J" Wood Medicine Cabinet, 15 1/2 inches high, 11 1/2 inches wide, White enameled French plate mirror.....	\$4.00		"O" Milk White Glass Shelf, 5 inches wide, 1/4 inch thick, edges rounded and polished, enameled brackets, 24 inches long.....		\$2.50
"B" Tumbler Holder.....	.57	.30	"L" Bathtub Soap Dish, 4 1/4 x 3 1/4 x 1 1/4, Medium Size.....	.65	\$0.55	"O" Milk White Glass Shelf, 5 inches wide, 1/4 inch thick, edges rounded and polished, enameled brackets, 30 inches long.....		\$2.85
"C" Single Robe Hook.....	.25	.10	"L" Bathtub Soap Dish, 5 1/2 x 4 x 1 1/4, Large Size.....	.85	.65	"O" Crystal Glass Shelf, 5 inches wide, 1/4 inch thick, edges rounded and polished, nickel-plated brackets, 18 inches long.....		\$1.10
"D" Razor Strap Hook.....	.25	.10	"M" Stand Soap Dish, 4 1/4 x 3 1/4 x 1 1/4, Medium Size.....	.45	.25	"O" Crystal Glass Shelf, 5 inches wide, 1/4 inch thick, edges rounded and polished, nickel-plated brackets, 24 inches long.....		\$1.25
"E" Tooth Brush and Tumbler Holder.....	.70	.40	"M" Stand Soap Dish, 5 1/2 x 4 x 1 1/4, Large Size.....	.63	.40	"O" Crystal Glass Shelf, 5 inches wide, 1/4 inch thick, edges rounded and polished, nickel-plated brackets, 30 inches long.....		\$1.50
"F" Double Robe Hook.....	.25	.15	"N" Tooth Brush Holder.....	.32	.15			
"G" Twin Robe Hook.....	.25	.15	"O" Milk White Glass Shelf, 5 inches wide, 1/4 inch thick, edges rounded and polished, enameled brackets, 18 ins. long.....		\$2.30			
"H" One-Piece Towel Bars, 18 inches long.....	.95	.65						
"H" One-Piece Towel Bars, 24 inches long.....	1.15	.80						
"H" One-Piece Towel Bars, 30 inches long.....	1.50	1.00						
"K" Wall Soap Dish, 4 1/4 x 3 1/4 x 1 1/4, Medium Size.....	.85	.50						
"K" Wall Soap Dish, 5 1/2 x 4 x 1 1/4, Large Size.....	.90	.60						

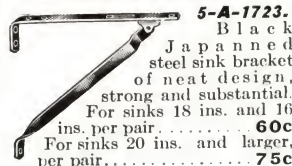
General Plumbing Accessories

Sink Plugs



5-A-1729.
Furnished complete as illustrated, nickel-plated.
Each... **25c**

Sink Brackets



5-A-1723.
Black japanned steel sink bracket of neat design, strong and substantial.
For sinks 18 ins. and 16 ins. per pair... **60c**
For sinks 20 ins. and larger, per pair... **75c**

Force Cups



5-A-3033.
Used to force obstruction from closets, lavatories and sinks. Place the rubber cup over the opening and press down; this will form a suction and remove almost any obstruction, saving a plumber's bill which will easily pay for the force cup many times over.
Without handle.
Price, each... **35c**

Low Tank Closet Valves



5-A-1300.
High grade pure rubber low tank closet valves. Choice of three sizes. Replace your leaky valve and water you are now wasting. They are quickly and easily replaced. Shipping weight about 6 ounces.
2 inch. Price... **20c**
2 1/2 inch. Price... **24c**
2 3/4 inch. Price... **30c**

Rubber Fuller Balls

5-A-1302. Rubber Balls for Fuller bibbs. Sizes for bibbs, 1/2, 3/4, 1 inch. State size wanted and whether for hot or cold water. Shipping weight, 2 balls, about 2 ounces.
Price for 2 balls... **5c**

Combination Ferrules



5-A-2817
Length, inches
6 12
1 1/4 x 2 in. Price... **\$0.63** **\$0.95**
1 1/2 x 2 in. Price... **.65** **1.00**
2 in. Price... **.70** **1.15**
4 in. Price... **1.25** **2.10**

Brass Ferrules

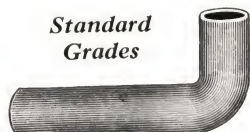
Used in connecting lead waste pipe to soil pipe.



5-A-2843. 4x4 ins. Each... **50c**

Lead Bends

Standard Grades



Short Bends

5-A-2831. 4x12. Each... **\$2.50**

Long Bends

5-A-2837. 4x18. Each... **\$3.35**

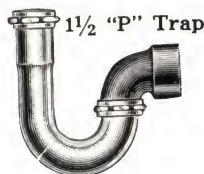
Lead and Brass Traps



Lead "S" Trap

Short Lead "S" Traps with iron pipe connections on outlet end.

5-A-2857. 1 1/4 ins. Price, each... **\$1.35**
5-A-2859. 1 1/2 ins. Price, each... **\$1.75**



1 1/2 "P" Trap

5-A-2704. Nickel Plated Brass "P" Trap, fitted with 1 1/2 inch adjustable lock nut and 1 1/2 inch cast brass elbow threaded for iron pipe connection. Shipping weight about 12 ounces.

Price, each... **\$1.35**

Lead "S" Trap



Short Lead "S" Traps, plain ends in two standard sizes.

5-A-2851. 1 1/4 ins. Price, each... **85c**
5-A-2853. 1 1/2 ins. Price, each... **\$1.25**



Long Lead "S" Traps, with iron pipe connection on outlet end.

5-A-2871. 1 1/4 ins. Price each... **\$2.00**
5-A-2873. 1 1/2 ins. Price, each... **\$2.40**

Long Lead "S" Traps, with plain ends. Two standard sizes.

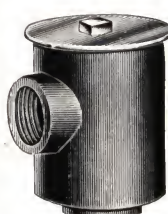
5-A-2863. 1 1/4 ins. Price, each... **\$1.45**
5-A-2865. 1 1/2 ins. Price, each... **\$1.95**



Half "S" or "P" Lead Traps, in two standard sizes.

5-A-2879. 1 1/4 ins. Price, each... **75c**
5-A-2881. 1 1/2 ins. Price, each... **\$1.10**

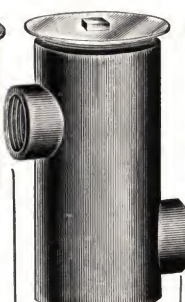
Iron and Lead Traps



Cast Iron Bath Traps

5-A-2811.

Complete with nickel plated covers for sinks, laundry tubs, bath tubs, etc. Tapped side and bottom for 1 1/2 in. iron pipe.
4x5x1 1/2 ins... **95c**



5-A-1532.

Size, 4x8 inches. Tapped both sides for 1 1/2 in. pipe. Ship. wt. about 15 1/4 lbs.
Price... **\$1.15**



Cast Iron Sink Traps

5-A-1537.

Cast iron with brass cleanout plug connected direct to sink with bolts. Tapped for 1 1/4 in. pipe connection. Ship. wt. about 4 1/2 lbs.
Price... **85c**

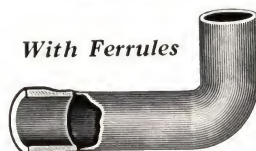
Lead Drum Traps

5-A-2815.

With nickel plated brass trap screw, size 4x9 inches.
Each... **\$3.25**

Lead Bends

With Ferrules



Width, 5 1/2 inches, Inlet.

5-A-2819. 4x12. Each... **\$3.20**
5-A-2821. 4x14. Each... **3.35**
5-A-2825. 4x18. Each... **3.95**

Closet Bends

Cast Iron



5-A-2839. Adjustable Flange Closet Bend. Size, 4x15 inches. Tapped both sides for 1 1/2 inch iron pipe. Shipping weight about 18 lbs.

Price... **\$1.30**
5-A-2839 1/2. Plain Bend, 4x15 inches, not tapped. Price... **\$1.05**

Sink Strainers

5-A-1727. Nickel plated sink strainers. Each... **15c**



Sink Couplings



Illustration at left shows sink couplings for lead pipe connections. Illustration at right shows sink couplings for iron pipe connections.
5-A-1737. Cast iron couplings for lead pipe connections... **6c**
5-A-2739. Cast iron couplings for 1 1/4 inch and 1 1/2 inch iron pipe connections. Each... **20c**

Metal Sink Plug

5-A-3143. Heavy Nickel Plated Brass Sink Plug adjustable to fit any sink. Tail piece 4 1/2 inches long. May be used as a slip connection with trap No. 5-A-2704 above.
Price, each... **60c**



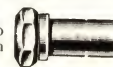
Sink Bolts



5-A-1733. Screw head bolts for cast iron sinks. Each... **2c**

Brass Soldering Union

5-A-2905. Used to connect lead with iron.
Size, inches... 3/8 1/2 3/4 1
Price, each... **15c 20c 25c 33c**
Size, inches... 1 1/4 1 1/2 2
Price, each... **43c 49c 60c**



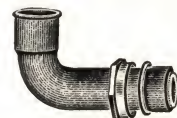
Brass Soldering Nipple

5-A-2903. Used to connect lead with iron pipe.

Size, inches... 1/2 3/4 1
Price, each... **14c 20c 27c**
Size, inches... 1 1/4 1 1/2 2
Price, each... **35c 50c 68c**



Rubber Extension Elbow



5-A-2901. Used to connect flush pipe with closet bowl; can be applied by anyone. Saves plumbers' bills. Adjustable from 3 1/4 to 5 1/4 inches from end of coupling to center of elbow.
Size, inches... 1 1/4
Price, each... **25c**

GUARANTEED SOIL PIPE AND FITTINGS



SINGLE HUB SOIL PIPE

No. 5-A-2301.	2 in. Std. single hub.	\$0.90
No. 5-A-2303.	2 in. Ex. Hvy. single hub.	1.20
No. 5-A-2305.	4 in. Std. single hub.	1.55
No. 5-A-2307.	4 in. Ex. Hvy. single hub.	2.50

Please Read!
Every length of soil pipe is thoroughly tested and fully guaranteed. Comes to you in 5 ft. lengths only.

DOUBLE HUB SOIL PIPE

No. 5-A-2302.	2 in. Std. double hub.	\$0.95
No. 5-A-2304.	2 in. Ex. Hvy. double hub.	1.25
No. 5-A-2306.	4 in. Std. double hub.	1.65
No. 5-A-2308.	4 in. Ex. Hvy. double hub.	2.60

QUARTER BENDS

No. 5-A-2309.	2 inch Standard.	30c
No. 5-A-2311.	2 in. Ex. Hvy.	41c
No. 5-A-2313.	4 in. Standard.	52c
No. 5-A-2315.	4 in. Ex. Hvy.	63c

QUARTER BENDS—SIDE INLET—RIGHT OR LEFT HAND

No. 5-A-2317.	4 in. Std., 2 in. inlet.	92c
No. 5-A-2319.	4 in. Ex. Hvy., 2 in. inlet.	\$1.15

Cut shows right side inlet.

QUARTER BENDS—HEEL INLET

No. 5-A-2325.	4 in. Std., 2 in. inlet.	92c
No. 5-A-2327.	4 in. Ex. Hvy., 2 in. inlet.	\$1.15

QUARTER BENDS—DOUBLE HUB

No. 5-A-2333.	4 in. Standard.	90c
No. 5-A-2335.	4 in. Ex. Hvy.	\$1.04

LONG QUARTER BENDS

No. 5-A-2341.	4x18 in., Standard.	\$1.12
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No. 5-A-2343. 4 x 18 in., Extra Hvy. \$1.38

SIXTH BENDS

No. 5-A-2345.	2 in. Standard.	30c
No. 5-A-2347.	2 in. Ex. Hvy.	33c
No. 5-A-2348.	4 in. Standard.	44c
No. 5-A-2349.	4 in. Ex. Hvy.	55c

EIGHTH BENDS

No. 5-A-2350.	2 in. Standard.	26c
No. 5-A-2351.	2 in. Ex. Hvy.	30c
No. 5-A-2353.	4 in. Standard.	44c
No. 5-A-2355.	4 in. Ex. Hvy.	55c

"T" BRANCHES

No. 5-A-2357.	2x2 Standard.	40c
No. 5-A-2359.	2x2 Extra Hvy.	56c
No. 5-A-2360.	4x2 Standard.	63c
No. 5-A-2361.	4x2 Extra Hvy.	82c
No. 5-A-2363.	4x4 Standard.	86c
No. 5-A-2365.	4x4 Ex. Hvy.	\$1.04

SANITARY "T" BRANCHES

No. 5-A-2367.	2x2 Standard.	41c
No. 5-A-2369.	2x2 Extra Hvy.	56c
No. 5-A-2371.	4x2 Standard.	63c
No. 5-A-2373.	4x2 Ex. Hvy.	81c
No. 5-A-2375.	4x4 Standard.	83c
No. 5-A-2377.	4x4 Ex. Hvy.	\$1.04

SANITARY "T" BRANCH With Side Inlet Tapped 1 1/2 in. for Iron Pipe, Right or Left Hand.

No. 5-A-2379.	4x4 in., tapped 1 1/2 in., Std.	\$1.78
No. 5-A-2381.	4x4 in., tapped 1 1/2 in., Extra Hvy.	\$1.97

VENTILATING BRANCHES WITH SIDE INLET

No. 5-A-2569.	4x2 Standard.	\$1.04
No. 5-A-2571.	4x2 Extra Hvy.	\$1.52

SANITARY "T" BRANCH WITH SIDE INLET—RIGHT OR LEFT HAND

Cut shows L. H. Inlet.

No. 5-A-2383.	4x4, with 2 in. inlet, Standard.	\$1.58
No. 5-A-2385.	4x4, with 2 in. inlet, Ex. Hvy.	\$1.77

SANITARY "T" BRANCH TAPPED FOR IRON PIPE

No. 5-A-2407.	2 x 1 1/2 Standard.	56c
No. 5-A-2409.	2x1 1/2 Ex. Hvy.	67c
No. 5-A-2411.	2x2 Standard.	56c
No. 5-A-2413.	2x2 Extra Hvy.	67c
No. 5-A-2415.	4x1 1/2 Standard.	93c
No. 5-A-2417.	4x1 1/2 Extra Hvy.	\$1.25
No. 5-A-2419.	4x1 1/2 Standard.	93c
No. 5-A-2421.	4x1 1/2 Extra Hvy.	\$1.25
No. 5-A-2423.	4x2 Standard.	93c
No. 5-A-2425.	4x2 Extra Hvy.	\$1.25

"T" BRANCH WITH HAND HOLE FOR CLEAN OUT

No. 5-A-2431.	4 in., Standard.	\$1.47
No. 5-A-2433.	4 in., Ex. Hvy.	\$1.70

CROSSES

No. 5-A-2439.	4 x 4 Standard.	\$1.33
No. 5-A-2441.	4x4 Ex. Hvy.	\$1.60

SANITARY CROSSES

No. 5-A-2447.	4 x 2 Standard.	\$1.33
No. 5-A-2449.	4x2 Ex. Hvy.	\$1.60
No. 5-A-2451.	4 x 4 Standard.	\$1.33
No. 5-A-2453.	4x4 Ex. Hvy.	\$1.60

TAPPED CROSSES Side Opening for Standard Iron Pipe.

No. 5-A-2459.	2x1 1/2 Standard.	86c
No. 5-A-2461.	2x1 1/2 Extra Hvy.	\$1.04
No. 5-A-2463.	2x2 Standard.	86c
No. 5-A-2465.	2x2 Extra Hvy.	\$1.04
No. 5-A-2471.	4x1 1/2 Standard.	\$1.04
No. 5-A-2473.	4x1 1/2 Extra Hvy.	\$1.36
No. 5-A-2475.	4x2 Standard.	\$1.04
No. 5-A-2477.	4x2 Extra Hvy.	\$1.36

SANITARY CROSSES TAPPED FOR STANDARD IRON PIPE

No. 5-A-2483.	2 x 1 1/2 Standard.	93c
No. 5-A-2485.	2x1 1/2 Ex. Hvy.	\$1.15
No. 5-A-2487.	2x2 Standard.	93c
No. 5-A-2489.	2x2 Extra Hvy.	\$1.15
No. 5-A-2495.	4x1 1/2 Standard.	\$1.30
No. 5-A-2497.	4x1 1/2 Extra Hvy.	\$1.58
No. 5-A-2499.	4x2 Standard.	\$1.30
No. 5-A-2501.	4x2 Ex. Hvy.	\$1.58

"S" TRAPS WITH HAND HOLE AND COVER

No. 5-A-2689.	4 in. Std.	\$1.73
No. 5-A-2691.	4 in. Ex. Hvy.	\$2.29

SIDE OPENING BRANCHES TAPPED FOR IRON PIPE

No. 5-A-2387.	2x1 1/2 Standard.	52c
No. 5-A-2389.	2x1 1/2 Extra Hvy.	63c
No. 5-A-2391.	2x2 Standard.	52c
No. 5-A-2393.	2x2 Extra Hvy.	63c
No. 5-A-2395.	4x1 1/2 Standard.	75c
No. 5-A-2397.	4x1 1/2 Extra Hvy.	93c
No. 5-A-2399.	4x1 1/2 Standard.	75c
No. 5-A-2401.	4x1 1/2 Extra Hvy.	93c
No. 5-A-2403.	4x2 Standard.	75c
No. 5-A-2405.	4x2 Extra Hvy.	93c

"Y" BRANCHES

No. 5-A-2502.	2 x 2 Standard.	41c
No. 5-A-2503.	2 x 2 Extra Hvy.	55c
No. 5-A-2504.	4 x 2 Standard.	63c
No. 5-A-2505.	4 x 2 Extra Hvy.	81c
No. 5-A-2506.	4x4 Standard.	86c
No. 5-A-2507.	4x4 Ex. Hvy.	\$1.04

OFF-SETS

No. 5-A-2539.	2x12 Standard.	86c
No. 5-A-2541.	2x12 Extra Hvy.	\$1.04
No. 5-A-2543.	4x4 Standard.	72c
No. 5-A-2545.	4x4 Extra Hvy.	93c
No. 5-A-2547.	4x6 Standard.	81c
No. 5-A-2549.	4x6 Extra Hvy.	\$1.04
No. 5-A-2561.	4x12 Standard.	\$1.19
No. 5-A-2563.	4x12 Extra Hvy.	\$1.48

VENTILATING CAPS

No. 5-A-2599.	4x6 Standard.	67c
No. 5-A-2601.	4x6 Extra Hvy.	81c
No. 5-A-2603.	4x12 Standard.	\$1.33
No. 5-A-2605.	4x12 Ex. Hvy.	\$1.94

PIPE RESTS

No. 5-A-2625.	2 in. Standard.	22c
No. 5-A-2627.	2 in. Ex. Hvy.	29c
No. 5-A-2629.	4 in. Standard.	30c
No. 5-A-2631.	4 in. Ex. Hvy.	32c

ADJUSTABLE ROOF FLANGE Made of Galvanized Iron—will fit any pitch.

No. 5-A-1085.	1 1/2 in.	90c
No. 5-A-1087.	1 1/2 in.	90c
No. 5-A-1089.	2 in.	\$1.00
No. 5-A-1091.	4 in.	\$1.20
No. 5-A-1091 1/2.	5 in.	\$1.70

TAPPED INCREASERS—SMALL OPENING TAPPED FOR STANDARD PIPE

No. 5-A-2573.	1 1/2 to 4 in. Standard.	\$1.12
No. 5-A-2575.	1 1/2 to 4 in. Extra Hvy.	\$1.37
No. 5-A-2577.	2 to 4 in. Standard.	\$1.12
No. 5-A-2579.	2 to 4 inch Extra Hvy.	\$1.37

REDUCERS

No. 5-A-2581.	4 to 2 inch Standard.	30c
No. 5-A-2583.	4 to 2 inch Extra Hvy.	32c

DOUBLE HUBS

No. 5-A-2585.	2 inch Standard.	30c
No. 5-A-2587.	2 inch Extra Hvy.	33c
No. 5-A-2589.	4 inch Standard.	45c
No. 5-A-2590.	4 inch Extra Hvy.	56c

"S" TRAPS

No. 5-A-2634.	4 in. Std.	\$1.12
No. 5-A-2635.	4 in. Ex. Hvy.	\$1.38

HALF "S" TRAPS

No. 5-A-2645.	2 in. Std.	67c
No. 5-A-2647.	2 in. Ex. Hvy.	81c
No. 5-A-2649.	4 in. Std.	\$1.12
No. 5-A-2651.	4 in. Ex. Hvy.	\$1.38

RUNNING TRAPS

No. 5-A-2657.	4 in. Std.	\$1.12
No. 5-A-2659.	4 in. Ex. Hvy.	\$1.38

ROOF PLATES

No. 5-A-2607.	4 in. Standard.	56c
No. 5-A-2609.	4 in. Ex. Hvy.	67c

HALF "S" TRAPS WITH HAND HOLE AND COVER

No. 5-A-2713.	4 in. Std.	\$1.73
No. 5-A-2715.	4 in. Ex. Hvy.	\$2.30

RUNNING TRAPS WITH HAND HOLE AND COVER

No. 5-A-2745.	4 in. Std.	\$1.73
No. 5-A-2747.	4 in. Ex. Hvy.	\$2.30

LONG INCREASERS FOR CALKING

No. 5-A-2717.	2 to 4 x 24 in. long Standard.	93c
No. 5-A-2719.	2 to 4 x 24 in. long Extra Hvy.	\$1.15
No. 5-A-2737.	4 to 5 in., 30 in. long Standard.	\$1.48
No. 5-A-2739.	4 to 5 in., 30 in. long Extra Hvy.	\$1.80

LONG INCREASERS TAPPED FOR IRON PIPE

No. 5-A-2723.	4 x 24 tapped 2 in. Standard.	\$1.65
No. 5-A-2727.	4 x 24 tapped 2 in. Extra Hvy.	\$2.00

CLEAN OUT PLUGS

No. 5-A-2759.	2 in.	35c
No. 5-A-2761.	4 in.	45c

CAST IRON CESSPOOLS WITH BELL TRAPS

No. 5-A-2753.	6 x 6.	50c
No. 5-A-2755.	9x9.	\$1.00
No. 5-A-2757.	12x12.	\$1.35

Branch Tees and Manifolds

All openings or runs in manifolds are tapped right hand thread. Figure No. 1 is tapped right hand thread both run and branches. Figures No. 2 and 3 are tapped left hand thread so when ordering manifolds it is necessary always to order one Figure No. 1 in connection with either Figure No. 2 or 3 as this will then give you one manifold with a right hand thread and one with a left hand thread.

When figuring the price on Figures No. 2 and 3 manifolds, always take the price of the one branch larger on account of the back opening being charged as a branch. In other words, if you wish to order a six branch manifold Figure No. 2 or 3, the price would be the same as that of a No. 7. This only applies to Figures No. 2 and 3.

All Prices on This Page Subject to Change



Fig. 1

1 in. Branch Tees 1 in. or 1 1/4 in. run are 1 1/4 in. inside diameter.
1 in. Branch Tees 1 1/2 in. or 2 in. run are 2 1/4 in. inside diameter.
1 1/4 in. Branch Tees are all 2 1/2 in. inside diameter.



Fig. 2

OUTLET



Fig. 3

1 1/2 in. Branch Tees are all 2 1/4 in. inside diameter.
2 in. Branch Tees are all 3 1/2 in. inside diameter.
Always order Branch Tees by size and figure number.

No. of Branches	1' Branch Tees, 2 1/2' C. to C.			1 1/4' Branch Tees, 3' C. to C.			1 1/2' Branch Tees, 3 1/2' C. to C.			2' Branch Tees, 4 1/2' C. to C.		
	1' or 1 1/4' Run	1 1/2' Run	2' Run	1 1/4' or 1 1/2' Run	2' Run	2 1/2' Run	1 1/2' or 2' Run	2 1/2' Run	3' Run	2' or 3' Run	2 1/2' or 3' Run	3 1/2' Run
2	\$0.84	\$0.93	\$1.07	\$1.57	\$1.74	\$2.24	\$2.52	\$3.23	\$3.55	\$4.91	\$5.37	\$5.37
3	.98	1.08	1.26	1.87	2.24	2.65	3.13	3.88	4.30	5.98	6.54	6.54
4	1.07	1.21	1.50	2.24	2.70	3.31	3.74	4.67	5.13	7.14	7.94	7.94
5	1.09	1.33	1.72	2.62	3.21	3.99	4.35	5.37	5.93	8.23	9.11	9.11
6	1.14	1.53	1.95	2.99	3.64	4.53	4.91	6.04	6.73	9.51	10.98	10.98
7	1.17	1.66	2.23	3.36	4.20	5.23	5.67	6.92	7.74	10.74	12.61	12.61
8	2.05	2.28	2.56	4.01	4.96	6.13	6.61	8.05	8.97	11.44	14.02	14.02
9	2.48	2.70	3.18	4.39	5.55	6.85	7.48	9.10	10.17	12.61	15.91	15.91
10		3.07	3.74	4.67	6.07	7.55	8.31	10.10	11.37			
11		4.20	4.39	4.90	6.07	7.14	7.94	9.81	10.74			
12		4.43	4.76									

Sectional Spring Tube Expander

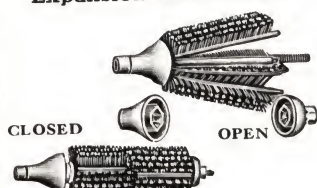
Prossor Type



4-A-9002.

The Prossor Type Sectional Spring Tube Expander. A heavy, substantial tool, same style as used in boiler shops. Made of the highest grade tool steel for 3/4 inch boiler. In ordering be sure and give outside diameter of tubes.
Size, ins. 1 1/4 2 2 1/4 2 1/2 3
Price, each \$5.40 \$5.50 \$6.90 \$8.00 \$11.70

Expansion Flue Brushes



4-A-9009. Made of malleable iron and tempered steel. Sizes given are for flues outside diameter.

Size Inches	Price Each	Size Inches	Price Each
1 1/4	\$1.20	2 1/2	\$1.50
1 3/4	1.25	3	1.80
2	1.30	3 1/2	2.10
2 1/4	1.35	4	2.40

Engineers' Favorite Flue Scraper



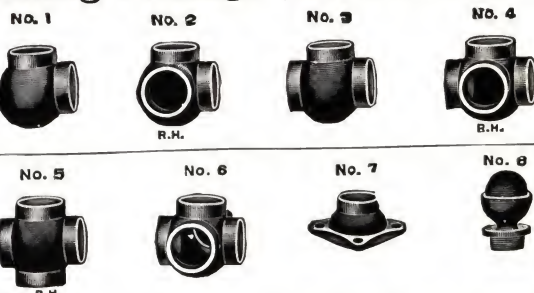
4-A-9007. Has adjustable screw and good cutting edges that enable the operator to clean flues thoroughly. Sizes given are for tubes, outside diameter.

Size Inches	Price Each	Size Inches	Price Each
1 1/4	\$0.55	2 1/2	\$1.15
1 3/4	.60	3	1.35
2	.95	3 1/2	1.55
2 1/4	1.05	4	1.80



4-A-9000. Beading tool for beading end of boiler tubes. Price, each, .90c

Railing Fittings (Malleable Iron)



21-A-96. To be used in connection with Standard Pipe for the purpose of constructing fences and enclosures of all kinds.

PLEASE READ WITH CARE—To construct a railing, two pipes high, the upper outlet of all fittings in the lower rail should be tapped with left hand thread. As fittings used for this purpose do not need to be steam or water tight, a sufficiently clean thread to screw up well and make a good job can be made by running a left hand tap into any outlet tapped right hand. Be sure to mention when ordering Right or Left Hand.

Order from figure number above—note illustration.

Sizes, inches	1/2	3/4	1	1 1/4	1 1/2	2
No. 1. Elbow	\$0.06	\$0.10	\$0.14	\$0.23	\$0.32	\$0.57
No. 2. Elbow Side Outlet	.07	.11	.15	.25	.35	.60
No. 3. Tee	.06	.10	.14	.23	.33	.60
No. 4. Tee, S. Outlet	.07	.11	.15	.25	.35	.60
No. 5. Cross	.08	.12	.16	.27	.37	.65
No. 6. Cross, S. Outlet	.10	.15	.18	.30	.40	.70
No. 7. Floor Flange	.07	.11	.15	.25	.35	.60
No. 8. Acorn Ornament	.06	.10	.14	.23	.32	.57

Drop Fittings in Black and Galvanized



Long Drop Short Drop Ells Drop Tees
Elbows Blk. Gal. Blk. Gal. Pipe size, in. 3/8 1/2 3/4 1 1 1/4 1 1/2 2
3/8 Blk. 8c 3/8 6c 8c 1 1/2 9c 12c Dia. Flange.
3/8 Gal. 11c 3/8 11c 15c 1 1/2 13c 19c Ins. 3 3 1/4 3 1/2 4 4 1/2 5 1/2
Price, each. .09c 10c 13c 14c 15c 17c 27c

Cast Iron Floor Flanges

Drilled for Screws

21-A-210



Cast Iron Hook Plates

For Pipe Spread of

NUMBER OF HOOKS

No.	Inch Hooks	1	2	3	4	5	6
21-A-79	1 1/2	10c	19c	24c	27c	33c	39c
21-A-80	1 1/4	3	11c	22c	28c	33c	54c
21-A-81	1 1/2	3 1/2	15c	29c	44c	60c	75c
21-A-82	2	4 1/2	23c	45c	67c	93c	\$1.19 \$1.37

Galvanized Goose-Neck Hydrants

21-A-905. A low priced, efficient hydrant, which is made in galvanized pipe only. The gooseneck has a standard hose thread to which the hose can be attached for fire protection purposes, lawn sprinkling, etc. The valve, which is placed below the frost line, is brass, and is so arranged that it will drain the hydrant when shut off, thus preventing freezing. The hydrant is provided with shut-off rod, complete, as shown in illustration.

Length, ft.	4	5	6
Size, 3/4	\$3.15	\$3.35	\$3.55
1	4.50	4.70	4.95
1 1/4	6.80	7.00	7.20



Boiler Tube Ferrules

21-A-9527. Seamless Copper Boiler Tube Ferrules. Used on ends of boiler tubes to make a perfect fit and a tight job. Sizes are for tubes outside diameter.



Sizes	Width, Inches	Thickness of Copper, Inches	Price Each
1 1/4	3/8	1-32	\$0.07
2	3/8	1-32	.08
2 1/4	3/8	1-32	.09
2 1/2	3/8	1-32	.10
3	3/4	1-32	.11
3 1/2	3/4	1-32	.13
4	3/4	1-32	.18

Roller Tube Expander

Dudgeon Pattern

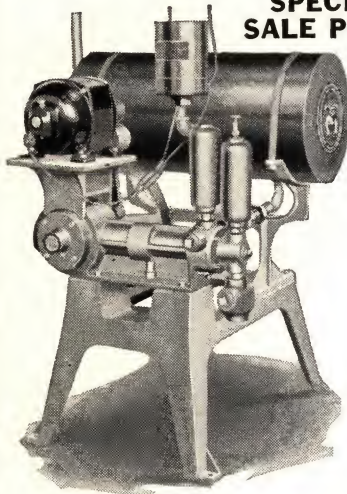


4-A-9003. This expander has a solid body, thus avoiding constant breaking of cap screws. Made of the best material and finely finished. Sizes given are for outside diameter tubes. If your tube measures 2 inches outside diameter you would then require a 2 inch Expander.

Size Inches	Price Each	Size Inches	Price Each
1 1/4	\$4.00	2 1/2	\$5.60
1 1/2	4.05	3	7.20
1 3/4	4.10	3 1/2	9.20
2	4.15	4	12.00
2 1/4	4.80		

Paul Bulldog Water Systems!

SPECIAL SALE PRICE \$79 EASY TERMS
See Bottom of Page



Genuine Paul "Bulldog" Water Systems are nationally recognized for their splendid construction and unfailing efficiency. These outfits automatically supply an abundance of running water to your kitchen, laundry, bathroom or any part of your premises. Shallow Well Outfits are designed for pumping from wells or cisterns, lakes or springs where water level is not more than 22 feet below the surface. Deep Well Outfits are designed for use where the water supply is more than 22 feet from surface. When the pressure in tank gets below 20 pounds, the pump is automatically started; when pressure reaches 40 pounds, it stops. The operation is entirely automatic and insures uninterrupted service at all times.

PAUL CUSHION STROKE PUMPS

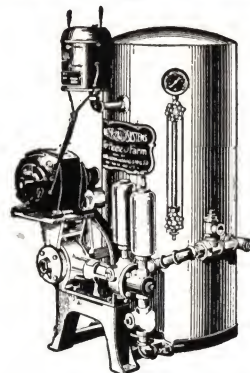
An outstanding feature of Paul "Bulldog" Water Systems is found in the cushion stroke suction pump. They operate quietly and are accurately constructed to prevent vibration, avoiding harmful wear through years of service and deliver their full rated capacity every hour.

The heavy duty 1-6 H. P. pump motor furnished requires a minimum of current for efficient operation. All A. C. motors are of the repulsion induction type. (When ordering, be sure to state voltage, cycle and whether your current is alternating or direct.)

Extra heavy 10 gallon tanks are furnished, galvanized both on the inside and outside.

Outfits are assembled complete with pressure gauge, water gauge, relief valve and all fittings, ready to connect to the water pipe. Equipped with connections for 1/2 inch supply and outlet. Floor space required, 28 x 30 inches.

U. S. TYPE Paul Systems

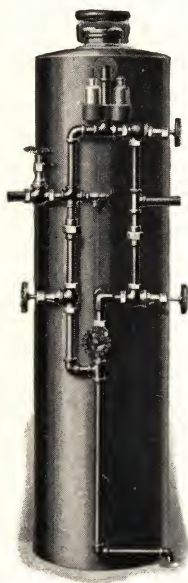


These Paul type U. S. Water Systems with large storage capacity are recommended where system is in constant use. Furnished complete with suction pump, pump motor, extra heavy galvanized tank pressure controller, pressure and water gauge, relief valve and all fittings ready to attach to water pipe.

No. 4-A-920 Paul type U. S. Water System complete with 30 gallon tank, pump with capacity of 120 gallons per hour, 1/2 H. P. motor. Connections for 1/2 inch supply and outlet. Complete..... **\$95.00**

No. 4-A-951 Paul type U. S. Water System complete with 50 gallon tank, pump with capacity of 180 gallons per hour, 1/2 H. P. motor. Connections for 3/4 inch supply and outlet. Complete..... **\$120.00**

SHALLOW WELL OUTFITS					SALE PRICES	
Catalog No.	Cap. of Pump Gallons Per Hour	Cap. of Tank Gallons	Motor H. P.	Ship. Weight	A. C., 1 Phase, 60 Cycle, 110 or 220 Volt, or D. C., 32, 110 or 220 Volt	A. C., 1 Phase 25 or 40 Cycle 110 or 220 Volt
5-A-666	150	10	1/6	185	\$79.00	\$88.00
5-A-777	200	10	1/6	200	\$90.00	\$95.00
DEEP WELL OUTFITS						
5-A-888	120	12	1/4	200	\$135.00	\$155.00
5-A-999	160	12	1/3	225	\$150.00	\$175.00



Furnished Complete With:

All Valves Cocks and Fittings

Necessary Mineral

Monel Metal Filter Mat

Salt Filling and Measure Vessel

Finest Enameled Tank

Four Valves Control the Entire Operation

Paul Soft Water Generator—The World's Best Water Softener **\$110** EASY TERMS

Nationally famous Paul soft water generators, for use where your water supply is under pressure. Supply your home with plenty of clean, clear soft water at full city pressure. It banishes all hard water scale and scum, making housekeeping a light and pleasant duty. Just turn the faucet and you have an abundance of soft crystal clear water. The outfit includes highest quality copper bearing steel tank, with heavy enamel coating—rust resisting and indestructible. Valve mechanism of extremely simple arrangement consists of four valves which control the entire operation of the generator. Simple in operation with large amount of mineral which increases the capacity of the generator. Hard water enters at the bottom of the generator and travels through the Paul mineral which removes all lime, magnesia and impurities which have accumulated in the sediment chamber at the bottom of the tank.

Simple and Easy to Recondition

A quantity of common salt poured into the top of generator restores the Paul Mineral to its full rated capacity in a short time.

No. 5-A-990	SIZES AND LOW SALE PRICES					
Size.....	0-A	1-AA	1-A	2-A	3-A	4-A
Generator capacity in grains—of hardness.....	12000	18000	24000	36000	48000	60000
Size of piping.....	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Maximum capacity gallons per hour.....	100	150	200	300	400	500
Salt required for regeneration, lbs.....	7	10	13	20	26	35
Height over all.....	52"	52"	52"	58"	60"	64"
Floor space.....	12 x 16"	12 x 16"	12 x 16"	14 x 18"	16 x 20"	18 x 22"
Shipping weight, lbs.....	180	205	230	325	425	510
Sale price, complete.....	\$110.00	\$128.00	\$144.00	\$198.00	\$250.00	\$310.00

Estimate the amount of soft water required per month. (An average family of five persons use 2000 gallons per month.) Ascertain the number of grains of hardness in your water. If you cannot get this information locally send us a sample of water for test. Multiply the number of gallons required per month by the number of grains of hardness. Then refer to above table of generator capacity in grains of hardness which will show the size and number of generator you should use.

For example:—If you use 2000 gallons of soft water per month and your water tests 12 grains of hardness, multiply 2000 x 12 equals 24000 grains. Referring to table you will require soft water generator No. 1A which has a 24000 grain capacity.

Cash With Order

Plan No. 1 By sending cash in full with your order, you will be allowed a discount of 3 per cent from the sale price mentioned at the end of the descriptive matter of the articles above.

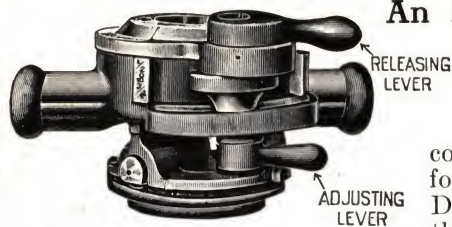
Cash After 30 Days

Plan No. 2 If you wish to examine and use these articles for 30 days, send us a letter from your banker stating that the full sale price has been deposited with him, and will be sent to us when you are fully satisfied.

On Time 3-Payments

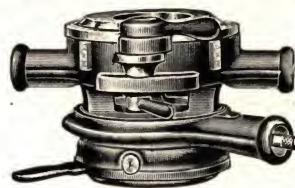
Plan No. 3 An extra charge of \$2.50, is necessary under this plan. Send one-third of the amount with your order and blanks will be sent for your signature for balance to be paid one-third in two months and one-third in four months.

"Bulldog" Pipe Stocks and Dies



\$14
without
Ratchet

size to another or set for over or undersize by moving one lever. An adjustable stock with a positive lever lock which will not slip. By throwing lever open, die can be lifted off—not necessary to back off die after thread is finished. Cuts clean, sharp threads.



\$16
with
Ratchet

Sizes of Pipe These Stocks Will Thread

"Bulldog" Plain Stock and Dies

Cat. No.	One Set of Dies	One Set of Dies	One Set of Dies	Price Per Set
4-A-1020	1/4 in. & 3/8 in.	1/2 in. & 3/4 in.	1 in. & 1 1/4 in.	\$14.00
4-A-1040	1/2 in. & 3/4 in.	1 in. & 1 1/4 in.	1 1/2 in. & 2 in.	20.00

"Bulldog" Ratchet Stock and Dies

Cat. No.	One Set of Dies	One Set of Dies	One Set of Dies	Price Per Set
4-A-1020-R	1/4 in. & 3/8 in.	1/2 in. & 3/4 in.	1 in. & 1 1/4 in.	\$16.00
4-A-1040-R	1/2 in. & 3/4 in.	1 in. & 1 1/4 in.	1 1/2 in. & 2 in.	20.00

The New REED Ratchet Pipe Stock and Dies

Handy—Easy and Fast Cutting



Telescope Handle Gives
Added Leverage and
Makes Threading Easy

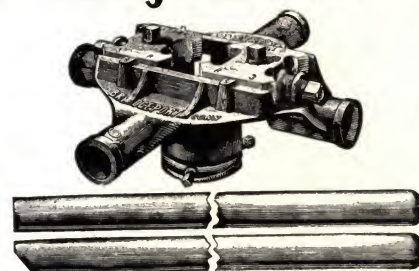
An extra strong tool built to endure. Preferred by many because it has fewer parts and permits work in close quarters. Will thread nipples one inch shorter than any other ratchet pipe stock. No need to file off the burr. The double threaded throat starts cutting easier with a burr than without it. Adjustable guides eliminate bushings. Cuts both right and left hand threads by changing die and reversing the ratchet.

4-A-1400. Complete set (stock and four sets of dies), 1 in., 1 1/4 in., 1 1/2 in. and 2 in..... \$18.00
(1/2 in. and 3/4 in. dies—can also be used in the same stock.)
Extra dies; adjustable. Any size to fit this stock, each..... \$3.00

SPECIAL! Armstrong's Adjustable Pipe Stock and Dies \$9⁵⁰

For Threading Pipe 2 1/2 and 3 inch

17-A-2820. A special purchase of these splendid Armstrong adjustable pipe stock and dies bring them to you at an unusually low price. Complete stock and die cutting 2 1/2 and 3 inch right hand threads. The change from 2 1/2 in. to 3 in. is made by simply reversing dies end for end, when they will cut the two standard sizes without further adjustment. Furnished complete with two handles and packed in a heavy hardwood box.
Price of set complete..... \$9.50



TESTED CABLE LOG CHAINS

Made of the best grade tested cable chain, fitted with hooks and swivels. Length 14 feet with grab hook on one end, large round hook on the other end, swivel in center. Size given is diameter of iron from which the links are made.

4-A-7147. Tested Steel Log Chains

Size, inches	1/4	5-16	3/8	1/2	5/8
Weight, lbs.	11	17	23	41	72
Price.....	\$1.80	\$2.40	\$3.00	\$4.40	\$6.60

Tested Cable Coil Chain

4-A-7031. Short, straight links. Made of high grade iron of great toughness and guaranteed full size.



Guaranteed to be strictly first class in every particular.

Size Inch.	3-16	1/4	5-16	3/8	7-16	1/2	5/8	3/4
Approx. Wt., per ft., lbs.	1/2	3/4	1 1/4	1 3/4	2	3	5	6
Per Foot.....	7c	10c	14c	18c	22c	26c	44c	56c

Wrought Iron Chain Repair Links

4-A-7034. Used to replace broken links. Made full size of regular chain iron.

Size, inches..... 3-16
Price, per dozen..... 3c

Malleable Repair Links

4-A-7036. Can be applied without tools. These links combine simplicity and strength.

For Chain, inch..... 3-16 1/4 5-16
Size, inch..... 5 5 5
Per dozen..... 40c 45c 50c

Round Chain Hooks

4-A-7045. Forged from the highest grade chain steel.

For Chain, inches. 1/4 3/8 1/2
Each..... 13c 17c 29c



Grab Chain Hooks

4-A-7047. Carefully forged from the highest grade chain steel.

For Chain, inches... 3/8 3/4 1/2
Each..... 13c 25c 35c



Utility Tool Set

\$1⁵⁰



Handy Tools
for All Work



4-A-5963. Set consists of: 11 tools specially selected, forged from high grade tool steel properly tempered. Polished cocobola handle, improved nickel plated chuck. Each tool is nicely finished and guaranteed to give entire satisfaction.
Price..... \$1.50

Black Wrought Steel Pipe Galvanized

New Black and Galvanized Pipe

6-A-7. Brand new black and galvanized wrought steel pipe, fully tested and guaranteed. Best quality made, easily cut and threaded. Comes in standard full lengths ranging from 18 to 21 feet; each length threaded on both ends fitted with coupling on one end. Prices below are for full lengths only as it comes from the mill and are based on latest market prices. All prices shown are for quantities up to 1,000 feet. Ask for special prices on larger quantities. Freight prepaid prices quoted on request. Size of pipe determined by its inside diameter.

Inside Diameter Inches	Outside Diam. inches.	Weight, Per ft., Lbs.	Price, Per ft., Black	Price, Per ft., Galv.
Three-eighths.....	0.67	0.56	\$0.04	\$0.06
One-half.....	0.84	0.85	.05 1/2	.07
Three-quarters.....	1.05	1.13	.06 1/2	.08
One.....	1.31	1.68	.09	.11
One and one-quarter.....	1.66	2.28	.12 1/2	.16
One and one-half.....	1.9	2.73	.15	.19
Two.....	2.37	3.67	.20	.25
Two and one-half.....	2.87	5.81	.30	.45
Three.....	3.5	7.61	.40	.58
Three and one-half.....	4.	9.20	.52	.69
Four.....	4.5	10.88	.60	.82
Four and one-half.....	5.	12.64	.70	
Five.....	5.56	14.81	.80	
Six.....	6.62	19.18	1.00	

We can furnish all sizes up to 12 inches. Write for prices on larger sizes.

Overhauled Black Pipe

6-A-5. Used pipe carefully over-hauled and selected for steam, water, gas, oil, railing and general purposes. Always a big stock on hand which comes to us in connection with our big purchases of complete plants and dismantling contracts. Ends are carefully cut off, properly threaded where necessary and supplied with good couplings. Painted with good asphalt paint before shipment. All pipe straight and free from defects. Random lengths. Prices are for quantities up to 1,000 feet. Freight prepaid prices on request. Write for special prices on larger quantities.

Inside Diameter, ins.	Outside Diam. Inches	Wt., per ft., lbs.	Price, per ft., Black
Three-eighths.....	0.67	0.56	\$0.02
One-half.....	0.84	0.85	.03
Three-quarters.....	1.05	1.13	.04
One.....	1.31	1.68	.06
One and one-quarter.....	1.66	2.28	.08
One and one-half.....	1.9	2.73	.09
Two.....	2.37	3.67	.11
Two and one-half.....	2.87	5.81	.17
Three.....	3.5	7.61	.26
Three and one-half.....	4.	9.20	.30
Four.....	4.5	10.88	.40
Four and one-half.....	5.	12.64	.45
Five.....	5.56	14.81	.50
Six.....	6.62	19.18	.75
Seven.....	7.62	23.76	.90
Eight.....	8.62	28.80	.95

Prices on larger sizes on application.

Boiler Tubes for Retubing Purposes

6-A-9. Carefully selected over-hauled boiler tubes guaranteed satisfactory for retubing boilers of every kind. All tubes tested and inspected before shipment. Orders are accepted with the understanding that unsatisfactory boiler tubes can be returned to us, upon inspection we will cheerfully exchange them for other tubes or return your money. These tubes are cut to lengths, they have square ends and are perfectly straight.

Outside Diam., ins.	Inside Diam., ins.	Wt., per ft.	Price, per ft.
Two.....	1.81	1.93	\$0.08
Two and one-quarter.....	2.06	2.18	.12
Three.....	2.78	3.36	.15
Three and one-quarter.....	3.01	4.01	.16
Three and one-half.....	3.26	4.33	.17
Four.....	3.73	5.53	.18

All Pipe Prices Above Are Subject to Market Changes and Stock on Hand

Cast Iron Black Drainage Fittings Threaded for Wrought Iron Pipe

These fittings have an interior shoulder to which the pipe screws up flush, thus giving an unobstructed passage, preventing pipe from becoming choked up by any solid matter.



Drainage Basin Tee

21-A-124.

Size, 1 1/2 inches. Price.....**47c**
Size, 2 inches. Price.....**70c**



Drainage Street Elbow

21-A-125.

Size, 1 1/2 inches. Price.....**36c**



Wrought Iron Long Screw

21-A-126.

With Coupling and Lockout, Galvanized.
Size, 1 1/2"x5 1/2" long. Price.....**96c**
Size, 2"x6" long. Price.....**1.60**

ALL PRICES ON THIS PAGE SUBJECT TO CHANGE How to Order Reducing Tees and Crosses

Reducing Tees

1st. Always give end or run openings. Then side openings.

Example

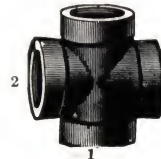


Order should read: "2x1 1/2x1 1/4."

Reducing Crosses

Always mention all openings. Reading straight across, then up and down.

Example



Order should read: "2x2x1x1."

CAST IRON FLANGE

When ordering cast iron flanges be sure to mention size of pipe and diameter of flange. We can furnish in three ways: "Not Faced or Drilled," "Faced" and "Faced and Drilled." When ordering be sure to give size, figure number and price. Bolts are extra.

		21-A-201. 2nd. Cast Iron Flange. Faced.		21-A-202. 3rd. Cast Iron Flange. Faced and Drilled.			
Inside Pipe Inch.	Outside Flange Inch.	"Faced."	"Faced and Drilled."	Inside Pipe Inch.	Outside Flange Inch.	"Faced."	"Faced and Drilled."
2½	6	\$0.60	\$0.82	4	9	\$1.10	\$1.47
3	7	.70	.88	10	11	1.30	1.65
3½	8½	.96	1.25	6		1.62	2.05

Wrought Iron Pipe Cast Iron Black Drainage Fittings. Threaded.

NOTICE.—The sizes given for fittings refer to the size of the pipe on which fittings are to be used. Carefully measure the inside of the pipe. NOT the coupling, and order by this size.

90 Degree Drainage Elbow



21-A-121.

Size, 1 1/2 inches. Price.....**31c**
Size, 2 inches. Price.....**47c**

45 Degree Drainage Elbow



21-A-122.

Size, 1 1/2 inches. Price.....**31c**
Size, 2 inches. Price.....**47c**

45 Degree Y Drainage



21-A-127.

Size, 1 1/2 inches. Price.....**54c**
Size, 2 inches. Price.....**79c**

PIPE FITTINGS

For Water & Gas Lines—Plumbing & Heating Systems

Cast Iron Fittings

For Standard Wrought Iron Pipe are made of the best grade of material, carefully tapped, inspected before shipment, and guaranteed with uniform and perfect threads, suitable for a working pressure up to 125 lbs.; used on power plants, low pressure steam and hot water plants. In ordering fittings be sure and give the inside measurements of the pipe you will use the fittings with, as all pipe is listed by inside measurement only and fittings correspond. Give size and price when ordering. Sizes not listed, furnished on application.

Malleable Iron Fittings

For Standard Wrought Iron Pipe are made of the best grade of malleable iron, great care being used in the selection of material and their manufacture; all fittings are inspected and tested before shipment, guaranteed water, air and gas tight. Give size and price when ordering.

Street Elbows			R. & L. Elbows			Standard Pipe Nipples			R. & L. Nipples			Lock Nuts		
MALLEABLE			CAST IRON			BLACK			BLACK			MALLEABLE		
Size	Black	Galv.	Size, ins.	Black		Size, ins.	Close and Short	Long 3 to 6 ins.	Extra Long 6 to 12 ins.	Size, ins.	R. & L.	Size, ins.	Black	Galv.
3/8	\$0.05	\$0.07	1 1/4	\$0.06		1 1/4	\$0.03	\$0.05	\$0.10	1 1/4	\$0.07	1 1/4	\$0.02	\$0.03
1/2	.07	.10	1 1/2	.07		1 1/2	.04	.08	.13	1 1/2	.08	1 1/2	.03	.04
3/4	.12	.14	2 1/4	.14		2 1/4	.05	.09	.15	2 1/4	.10	2 1/4	.04	.05
1	.15	.17	2 1/2	.17		2 1/2	.06	.10	.20	2 1/2	.13	2 1/2	.06	.07
1 1/4	.20	.25	3	.25		3	.07	.13	.25	3	.17	3	.07	.09
1 1/2	.23	.30	3 1/2			3 1/2	.09	.17	.30	3 1/2	.20	3 1/2	.08	.10
2	.40	.65	4			4	.11	.23	.45	4	.24	4	.10	.12
							.17	.37	.68					
							.20	.52	.85					
							.30	.52	.95					
							.35	.65						
90° Elbows			45° Elbows			Reducing Elbows			Pitched Elbows					
CAST IRON			CAST IRON			CAST IRON			CAST IRON					
Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.			
3/8	\$0.05	\$0.06	3/8	\$0.06	\$0.08	3/8	\$0.06	\$0.09	1/4	\$0.03				
1/2	.07	.08	1/2	.08	.10	1/2	.07	.12	3/4	.13				
3/4	.09	.15	3/4	.10	.16	3/4	.10	.16	1	.14				
1	.14	.25	1	.15	.27	1	.15	.27	1 1/4	.21				
1 1/4	.16	.36	1 1/4	.19	.46	1 1/4	.19	.46	1 1/2	.24				
1 1/2	.24	.55	1 1/2	.27		1 1/2	.27		2	.30				
2	.36		2	.37		2	.37		2 1/4	.47				
2 1/2			2 1/2			2 1/2			2 1/2					
3	.58		3	.70		3	.70		3	.66				
3 1/2	.81		3 1/2	.97		3 1/2	.97		3 1/2	.94				
4	.94		4	1.13		4	1.13		4	1.09				
Couplings			R. & L. Couplings			Eccentric Reducing Couplings			Faced Bushings			Bushings		
MALLEABLE			MALLEABLE			CAST IRON			MALLEABLE			MALLEABLE		
Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.
1/4	\$0.05	\$0.07	1/4	\$0.05		1/4			1/4	\$0.12	\$0.18	1/4	\$0.03	\$0.06
3/8	.08	.11	3/8	.09		3/8			3/8	.14	.20	3/8	.05	.10
1/2	.10	.12	1/2	.10		1/2			1/2	.16	.22	1/2	.07	.14
3/4	.12	.15	3/4	.12		3/4			3/4	.18	.24	3/4	.09	.16
1	.15	.24	1	.17		1	\$0.39		1	.20	.28	1	.11	.18
1 1/4	.24	.38	1 1/4	.27		1 1/4	.54		1 1/4	.23	.32	1 1/4	.14	.22
1 1/2	.38	.63	1 1/2			1 1/2	.70		1 1/2	.26	.36	1 1/2	.16	.25
2	.41	.84	2			2	1.05		2	.28	.40	2	.18	.28
2 1/2	.55	1.10	2 1/2			2 1/2	1.68		2 1/2	.30	.44	2 1/2	.20	.30
3	.72	1.31	3			3	2.10		3	.33	.48	3	.22	.33
3 1/2	.86		3 1/2			3 1/2	2.80		3 1/2	.36	.52	3 1/2	.25	.36
4			4			4			4	.39	.56	4	.28	.40
Tees			Reducing Tees			Crosses			Reducing Crosses			Reducers		
CAST IRON			CAST IRON			CAST IRON			CAST IRON			CAST IRON		
Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.
3/8	\$0.07	\$0.09	3/8	\$0.08	\$0.10	3/8	\$0.13	\$0.07	3/8	\$0.14	\$0.09	3/8	\$0.05	\$0.06
1/2	.10	.12	1/2	.11	.13	1/2	.17	.10	1/2	.16	.12	1/2	.06	.07
3/4	.12	.15	3/4	.14	.17	3/4	.21	.13	3/4	.18	.14	3/4	.07	.11
1	.15	.24	1	.17	.20	1	.23	.16	1	.20	.16	1	.09	.13
1 1/4	.24	.38	1 1/4	.26	.30	1 1/4	.33	.23	1 1/4	.24	.23	1 1/4	.11	.16
1 1/2	.38	.63	1 1/2	.42	.40	1 1/2	.41	.32	1 1/2	.26	.33	1 1/2	.13	.20
2	.45	.84	2	.47	.45	2	.58	.48	2	.28	.36	2	.14	.22
2 1/2	.67	1.10	2 1/2	.65		2 1/2	1.00	.88	2 1/2	.30	.40	2 1/2	.16	.25
3	.86	1.31	3	.97		3	1.55		3	.32	.44	3	.18	.28
3 1/2	1.16		3 1/2	1.35		3 1/2	2.10		3 1/2	.34	.48	3 1/2	.20	.30
4			4			4	2.45		4	.36	.52	4	.22	.33
Caps			Closed Return Bends			Open Return Bends			Flange Unions			Railroad Unions		
MALLEABLE			CAST IRON			CAST IRON			CAST IRON			MALLEABLE		
Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.	Size, ins.	Black	Galv.
3/8	\$0.03	\$0.04	3/8	\$0.14	\$0.14	3/8	\$0.07	\$0.08	3/8	\$0.35		3/8	\$0.22	\$0.33
1/2	.04	.05	1/2	.12	.14	1/2	.10	.14	1/2	.45		1/2	.28	.43
3/4	.07	.08	3/4	.18	.26	3/4	.17	.26	3/4	.55		3/4	.33	.50
1	.09	.10	1	.22	.32	1	.24	.32	1	.66		1	.38	.55
1 1/4	.10	.12	1 1/4	.32	.45	1 1/4	.32	.43	1 1/4	.87		1 1/4	.44	.66
1 1/2	.12	.16	1 1/2	.45	.75	1 1/2	.43	.55	1 1/2	1.10		1 1/2	.50	.72
2	.22	.50	2	.93		2	.62	.67	2	1.25		2	.66	.93
			2 1/2	1.30		2 1/2	1.05		2 1/2	1.50		2 1/2	.88	1.25
			3	1.50		3	1.70		3	1.75		3	1.10	1.65
			3 1/2			3 1/2			3 1/2			3 1/2		
			4	3.90		4	5.00		4			4		



See
Prices on
following page

Sectional View of Perfection Boilers

"PERFECTION" Room Level Boiler

Designed for homes, stores, halls, stations, churches and all other buildings without basement. Operates with utmost efficiency on the same level with the room radiation. A compact, substantially built heating boiler, attractive in appearance. As it comes to you completely assembled, there is considerable saving in installation cost. Cut-away view illustrates the roomy fire box which holds a large supply of fuel making frequent attention unnecessary. Also note how the fire is drawn up and forward thru the side flues and back thru center flue, utilizing every possible heat unit of the fuel.

Made of best grey iron, smoothly cast with perfect fitting joints and doors. Complete set of tools including poker, flue brush, scraper and ash pan.

Prices & Specifications of Room Level Boilers

Number	Hot Water Rating Sq. Ft.	Steam Rating Sq. Ft.	Fire Box Dimension	Floor Space	Height of Steam Outlet	Height of Water Outlet	Number and Size Tapping	Smoke Pipe Size	Water Line	Hot Water Price	Steam Price
17-A-4	400	240	13 1/2 x 10 1/4	19 3/4 x 18	42 3/4	45	2-2"	6"	37 1/2"	\$60.00	\$73.00
17-A-5	535	320	13 1/2 x 13 3/4	19 3/4 x 21 1/2	42 3/4	45	2-2"	6"	37 1/2"	67.00	80.00
17-A-6	670	400	13 1/2 x 17 1/4	19 3/4 x 25	42 3/4	45	2-2"	6"	37 1/2"	76.00	89.00
17-A-7	825	500	13 1/2 x 20 3/4	19 3/4 x 28	42 3/4	45	2-2"	6"	37 1/2"	84.00	97.00



For Hot Water and Steam Heating Plants!

Time tested and tried under all conditions in every section of the country. Perfection Boilers are the sure choice of careful buyers everywhere. The most convincing endorsement for them is the thousands now in use and their wonderful record for more than 30 years. Today they present many new improvements in addition to the exclusive and original features that gained for them home heating boiler leadership.

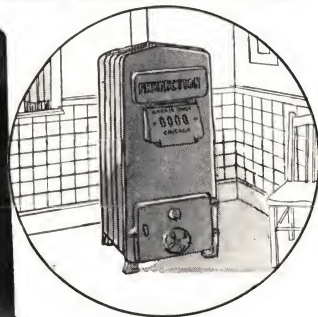
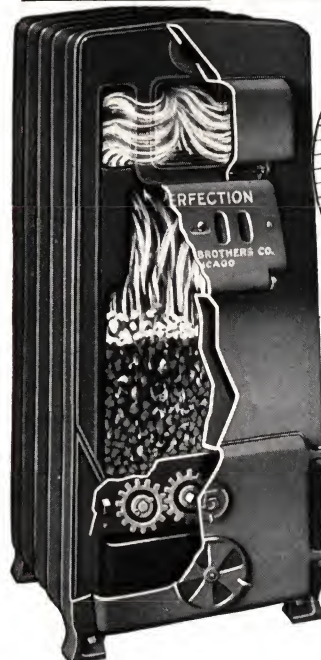
This Boiler will be your choice If Boiler Perfection Counts

Perfection square sectional, steam and hot water home heating boilers as they stand today are the result of constant experimenting, improving and tests for over 30 years.

Sections are smoothly and evenly cast in one piece from best gray iron carefully tested for strength and endurance.

Maximum heating surface and long smoke travel insure utmost heat from least fuel. Note: The entire firepot is surrounded by water.

The "V" shaped construction of castings—the straight self cleaning flue passages—the rocker type clinker cutting grate bars and the ability of these boilers to burn wood, coke, hard coal, soft coal or any fuel giving greatest efficiency at all times make Perfection Boilers one of the most satisfactory on the market.



For Hot Water
or Steam Systems
in Buildings With-
out Basements

Square Sectional Boilers

The Pulse of Comfort in Your Home

THE joy and healthful advantages of an efficient correctly installed modern heating system has made its selection the most important of all home comforts and improvements. Perfection Home Heating Systems—Perfection Boilers—Perfection Radiators—Perfection Furnaces and heating equipment of every description together with our Free Expert Engineering service has contributed in a large measure to the health and happiness of thousands of progressive home owners.

Perfection Boilers Are Perfect in Design and Construction

The pictures on the opposite page clearly show the splendid construction of Perfection square sectional boilers. The hot water and steam boilers are of the same design with the exception of the steam trimmings which are furnished with the steam boilers. Every possible unit of heat produced by the fuel is absorbed by the water before the burning gases and smoke reach the chimney. Note the extra deep firepot entirely surrounded by water heating passages which insures quick, steady heat.

Perfection Heating Systems Are Planned by Experts

Our experts have reduced the old-time complications of heating system planning and installation to a simple, easily completed job. Any handy man can do all the work by following our simple, easily understood instructions. No experience on your part necessary—just a little time and substantial exercise. We furnish all the tools you will need at a low rental charge. Always the same satisfactory results—a perfect efficient heating system insuring cold weather comfort and a big saving on the completed job.

This Guarantee—

Assures Heating Plant Perfection and Cold Weather Comfort

Every Perfection Heating System, when installed according to our plans and instructions, is guaranteed to heat the rooms in which radiators are placed to a temperature of 70 degrees during all conditions of weather without undue forcing of the fire. It is agreed that if for any reason any piece or part of the material proves defective or if the heating system we have furnished is not capable of heating the rooms as stated above, we will hand you back the purchase price and any amount of freight charges paid by you to receive it.—HARRIS BROTHERS' COMPANY.

Prices and Specifications of Perfection Heating Boilers

All Quotations Are Subject to Market Changes

Number	Size of Firepot	Size of Smoke Pipe	Foundation Inches	Tappings at Flow and Return	Height to Water Line (in Steam Boiler)	Direct Water Radiation	Direct Steam Radiation	Shipping Weight in Lbs.	Price on Hot Water Boilers	Price on Steam Boilers
17-A-65	13½x15	7	23x28	2-2	41'	550	325	675	\$ 61.00	\$ 73.00
17-A-66	13½x18	7	23x32	2-2	41	675	400	835	69.00	81.00
17-A-67	13½x21	7	23x36	3-2	41	800	475	915	76.00	88.00
17-A-175	17x17	9	26x28	2-2½	48	1000	600	941	85.00	100.00
17-A-176	17x21	9	26x33	2-2½	48	1250	750	1123	100.00	115.00
17-A-177	17x25	9	26x38	3-2½	48	1500	900	1305	115.00	130.00
17-A-178	17x30	9	26x43	3-2½	48	1750	1050	1487	130.00	145.00

Above prices are all F. O. B. Chicago and our factory in Western New York. We will quote Freight Prepaid prices on request.

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Perfection Round Sectional Heating Boilers

For Hot Water and Steam Heating Plants

Burn hard coal, soft coal, wood, coke, or any fuel with utmost satisfaction

PERFECTION sectional steam and hot water boilers show a decided improvement in "Round Type Boiler Construction." When designing Perfection Boilers, our engineers worked with one idea—to produce the most efficient and economically operated heating boiler possible. Following the designs of our engineers these boilers are carefully made from the best grade of gray cast iron, smoothly finished; all sections and parts fitting perfectly.

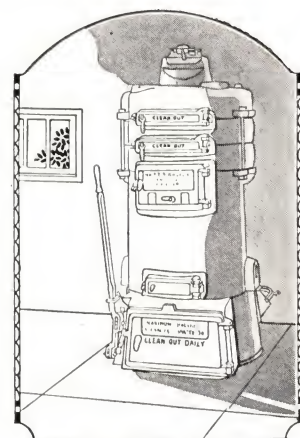
We call your special attention to the construction of the fire pot. The cast iron pins on the side of the fire pot serve a double purpose. They hold the ashes and dead fire from the fire pot and, because they project into the fire, heat quickly and increase the circulation in your heating system.

Although Perfection Boilers embody all latest improvements and are sold under a guarantee of absolute satisfaction, you will find the prices on these boilers exceptionally low.

Important Features

Smooth, perfect fitting cast sections.
Deep fire pot and long fire travel gets the heat.
Greatest possible heating surface.
Rocker type clinker cutting grate bars.
Large size feed doors.
Deep, roomy ashpit.
Ease of operation and cleaning.
Rapid circulation.
Perfect fitting parts.

Shipments from factory in Eastern Michigan or Chicago.



Hot Water Boiler

Most Efficient Round Design

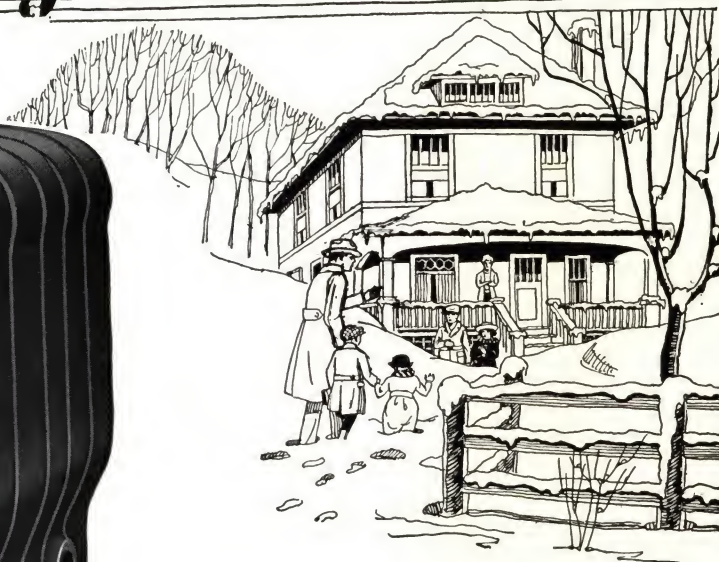
This sectional view of the interior of the boiler shows the deep fire pot entirely surrounded by water, insuring quick circulation. All parts are carefully tested and must fit perfectly before boilers are shipped from our factory.

Prices of Perfection Round Sectional Steam and Hot Water Boilers

All Quotations Are Subject to Market Changes

Number	Diameter of Grate	Height Outlet Steam	Height Outlet Water	Water Line Steam	Size of Tappings	Size of Smoke Pipe	Approximate Weight	Rating Steam	Rating Hot Water	Price Steam	Price Hot Water
17-A-1204	20 in.	53 in.	47 in.	45 in.	3 in.	8 in.	850	625	1050	\$ 93.50	\$ 80.00
17-A-1205	20 in.	58 in.	52 in.	50 in.	3 in.	8 in.	900	675	1125	105.00	90.00
17-A-1206	20 in.	63 in.	57 in.	55 in.	3 in.	8 in.	950	725	1200	115.00	100.00
17-A-1224	22 in.	53 in.	47 in.	45 in.	3 in.	9 in.	950	775	1300	110.00	100.00
17-A-1225	22 in.	58 in.	52 in.	50 in.	3 in.	9 in.	1000	825	1375	121.00	110.00
17-A-1226	22 in.	63 in.	57 in.	55 in.	3 in.	9 in.	1050	875	1450	132.00	120.00
17-A-1254	25 in.	55 in.	48 in.	46 in.	3 in.	9 in.	1200	950	1575	130.00	115.00
17-A-1255	25 in.	60 in.	53 in.	51 in.	3 in.	9 in.	1300	1025	1675	145.00	130.00
17-A-1256	25 in.	65 in.	58 in.	56 in.	3 in.	9 in.	1400	1100	1775	165.00	145.00
17-A-1284	28 in.	58 in.	50 in.	48 in.	4 in.	10 in.	1600	1200	1925	167.00	135.00
17-A-1285	28 in.	63 in.	55 in.	53 in.	4 in.	10 in.	1700	1300	2150	190.00	160.00
17-A-1286	28 in.	68 in.	60 in.	58 in.	4 in.	10 in.	1800	1400	2325	210.00	185.00

Perfection Square Sectional Heating Boilers



For Large Hot Water and Steam Heating Systems

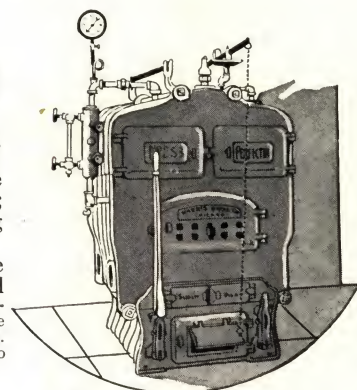
Perfection boilers are designed particularly for use in large heating work. They are conveniently installed; being sectional, they are built up together—no additional expense for elaborate brickwork. The ease with which Perfection boilers are operated with greatest efficiency—their ability to heat quickly, steadily and powerfully with utmost fuel economy—are advantages that you will appreciate.

Fast, Steady, Powerful Boilers

Made with improved push nipple type for joining the sections. This connection consists of heavy machine turned smooth tapered nipples made of cast iron and held together by heavy tie rods. These connections are so arranged that they are not exposed to the action of the fire and are unaffected by expansion or contraction of the sections; tight, permanent joints at all times. Their capacity can be increased or diminished by adding or taking from the sections.

Note especially the deep combustion chamber and the enormous amount of heating surface pressed to the action of the fire. This feature, combined with the long travel of gases, utilizes all of the effective heating units, giving efficiency with the most economical consumption of fuel. This also insures an immediate response to the action of the fire and quick heat to all parts of your building. All boiler ratings stated below are conservatively made according to accepted standards. Perfection boilers are perfectly adapted for soft coal burning. Perfection boilers are equipped with a large front and rear clean-out door, which gives you free and easy access to every part of the fire surface.

Prices and Specifications of Perfection Boilers F. O. B. Factory in Michigan
All Quotations are Subject to Market Changes

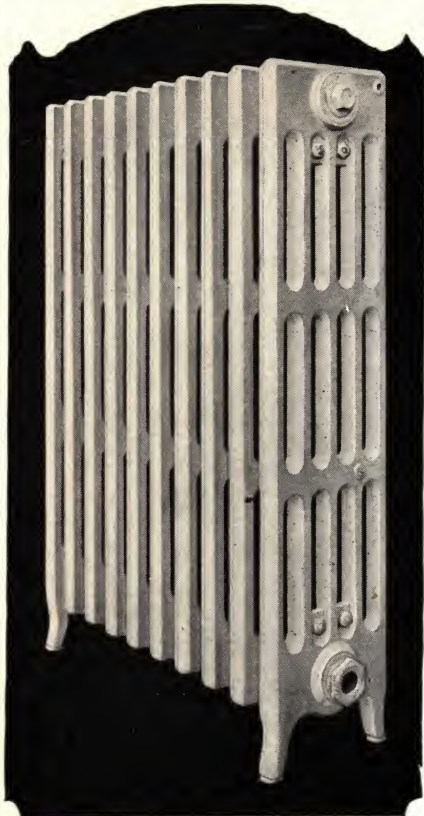


Equipped for Steam

Number	Grate Surface	No. of Taps	Size of Smoke Pipe	Height to Outlet	Water Line	Total Length	Weight	Hot Water Rating	Steam Rating	Price Hot Water	Price Steam
17-A-255	22x30	2-4	10	53	45	54	2200	1300	950	\$185.00	\$215.00
17-A-256	22x37	2-4	10	53	45	61	2500	1650	1150	225.00	252.00
17-A-257	22x44	2-4	10	53	45	68	2800	2000	1350	260.00	290.00
17-A-258	22x51	2-4	10	53	45	75	3150	2625	1600	296.00	325.00
17-A-355	30x30	2-4	13 1/2	59	48	52	3000	2400	1450	280.00	308.00
17-A-356	30x37	2-4	13 1/2	59	48	59	3650	3000	1850	342.00	370.00
17-A-357	30x44	2-4	13 1/2	59	48	66	4200	3600	2275	390.00	420.00
17-A-358	30x51	3-4	13 1/2	59	48	73	4500	4200	2550	432.00	460.00
17-A-359	30x58	3-4	13 1/2	59	48	80	5100	4800	2900	485.00	515.00
17-A-456	38x42	2-5	16	67	55	63	4800	5000	3000	500.00	525.00
17-A-457	38x50	2-5	16	67	55	71	5600	5875	3500	565.00	590.00
17-A-458	38x58	3-5	16	67	55	79	6400	6800	4000	630.00	660.00
17-A-459	38x66	3-5	16	67	55	87	7300	7800	4500	720.00	750.00
17-A-4510	38x74	3-5	16	67	55	95	8000	8300	5000	800.00	825.00

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Perfection "NEW-ART" Radiation



5 Tube "NEW-ART" Radiation

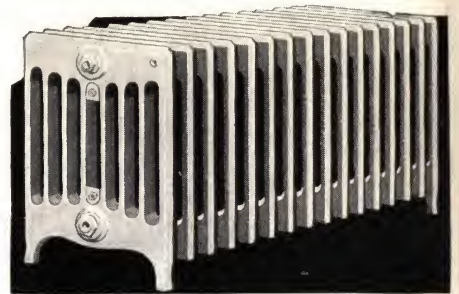
*The Very Latest in Radiators
bring new beauty and
added Heating efficiency*

The Perfection "New-Art" Radiator is the very latest achievement in modern heating, bringing new beauty and new heating efficiency to the home. The open tube design provides unusually free circulation both inside and outside. Full rated surface and yet occupies considerably less floor space than ordinary radiators. Tapped 1½ inch and bushed to smaller sizes when necessary. All sections are 2½ inches center to center.

SPECIAL!

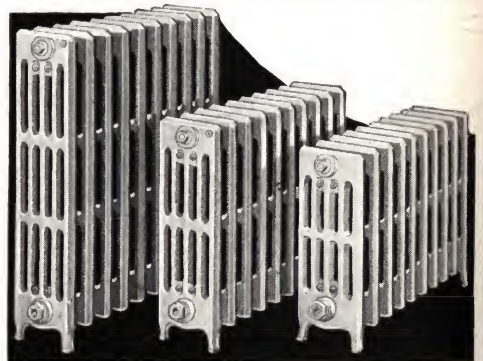
Pearl Gray Enamel Finish

At a very nominal cost, we furnish Perfection "New-Art" radiators in the new pearl gray enamel finish. We recommend this finish because it is more practical and economical to paint radiators of this design before delivery. Tests have proven that enameled radiators have 15 to 20% more heating efficiency than radiators painted with gold or aluminum bronze.

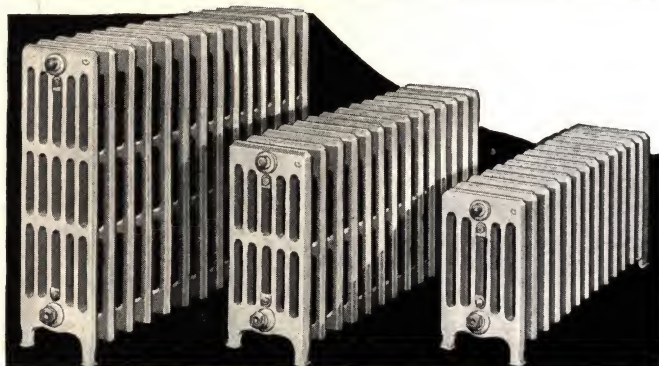


8 Tube "NEW-ART" Radiators
17-A-820. Eight tube radiation, 20 ins. high, each section contains 4½ sq. ft., per ft. 50c

4 Tube "NEW-ART" Radiators
17-A-438. Four tube radiation, 38 ins. high, each section contains 4¼ sq. ft., per ft. 34c

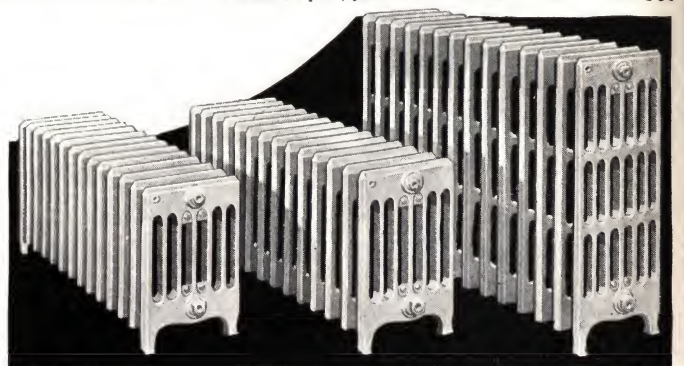


5 Tube "NEW-ART" Radiators
17-A-536. Five tube radiation, 36 ins. high, each section contains 5 sq. ft., per ft. 30c



6 Tube "NEW-ART" Radiators

17-A-638. Six tube radiation, 38 ins. high, each section containing 6 square feet, per ft. 34c
17-A-626. Six tube radiation, 26 ins. high, each section containing 4 square feet, per ft. 43c
17-A-620. Six tube radiation, 20 ins. high, each section containing 3 square feet, per ft. 49c



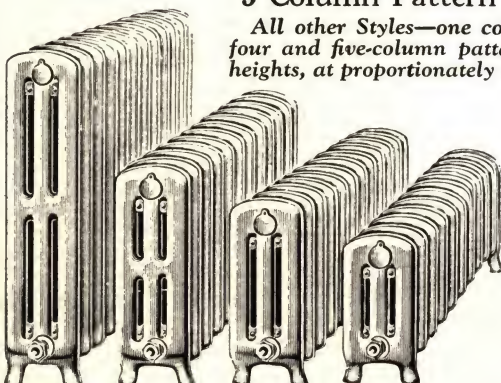
7 Tube "NEW-ART" Radiators

17-A-736. Seven tube radiation, 36 ins. high, each section containing 7 square feet, per ft. 37c
17-A-722. Seven tube radiation, 23 ins. high, each section containing 4½ square feet, per ft. 48c
17-A-720. Seven tube radiation, 20 ins. high, each section containing 3¾ square feet, per ft. 50c

Perfection "STANDARD" Radiation

3 Column Pattern Shown

All other Styles—one column, two, four and five-column patterns in all heights, at proportionately low prices.



Perfection standard radiators made from best gray iron. Each section smoothly cast in one piece. Sections are tested separately and tested together when the complete radiator is assembled before delivery. Smooth surfaces are easily finished and kept clean.

Tapped 2 inch and bushed to smaller sizes when necessary

3 Column "STANDARD" Radiation

Three column radiation, 38 inches high, each section containing 5 square feet, 2½ inches long, per foot. 30c
Two column radiation, 38 inches high, each section containing 4 square feet, 2½ inches long, per foot. 32c
Two column radiation, 22 inches high, each section containing 3 square feet, 2½ inches long, per foot. 43c
Five column radiation, 22 inches high, each section containing 6 square feet, 3 inches long, per foot. 40c
Five column radiation, 18 inches high, each section containing 5 square feet, 3 inches long, per foot. 43c

Heating Plant Accessories

Radiator Valves and Union Elbow



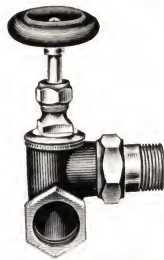
Floor Flange
5-A-202. Floor Flange.
Size, Price, Each
1/2 inch..... 9c
3/4 inch..... 11c
1 inch..... 13c
1 1/4 inch..... 15c
1 1/2 inch..... 17c
2 inch..... 20c



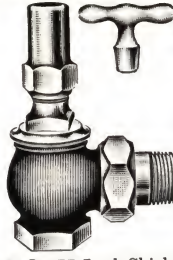
Wood Wheel Radiator Air-Valve
5-A-183. Nickel plated Compression Radiator Air Valves with wood wheels. Size 1/2 inch..... 15c



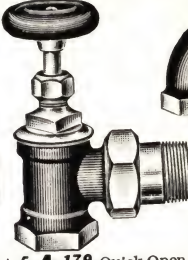
5-A-178. Jenkins' Disc Angle Radiator Valve with Union, nickel plated all over.
1/2 inch..... \$1.35
1 inch..... 1.60
1 1/4 inch..... 2.00
1 1/2 inch..... 2.60
2 inch..... 4.25



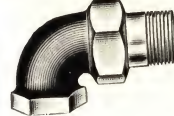
Specify Right or Left Hand Corner when ordering.
5-A-174. Jenkins' Disc corner radiator valves with union.
1/2 inch..... \$1.90
1 inch..... 2.25
1 1/4 inch..... 2.85
1 1/2 inch..... 3.80
2 inch..... 6.15



5-A-177. Lock Shield Jenkins' Disc with union, nickel plated all over.
1/2 inch..... \$1.70
1 inch..... 2.10
1 1/4 inch..... 2.85
1 1/2 inch..... 3.65
Keys, Extra, Each, 20c



5-A-179. Quick Opening Hot Water Radiator Valve with Union, nickel plated all over.
1/2 inch..... \$1.05
1 inch..... 1.35
1 1/4 inch..... 1.60
1 1/2 inch..... 2.00
2 inch..... 3.25



5-A-180. Hot Water Union Elbows, nickel plated all over.

Size, Price, Each
1/2 in.. \$0.60
1 in.. .70
1 1/4 in.. .95
1 1/2 in.. 1.15
2 in.. 2.00

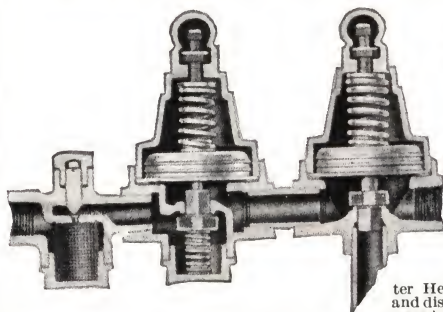


Ceiling Flange
5-A-203. Ceiling Flange.
Size, Price, Each
1/2 inch..... 9c
3/4 inch..... 11c
1 inch..... 13c
1 1/4 inch..... 15c
1 1/2 inch..... 17c
2 inch..... 20c



Loose Key Radiator Air-Valve
5-A-181. Nickel plated loose key compression radiator air valves. Size, 1/2 inch. Price..... 15c

Harris Pressure Governor for Hot Water Heating Systems



\$15

Eliminates the Expansion Tank

A Harris Pressure Governor increases the efficiency of Hot Water Heating systems and displaces the antiquated expansion tank.

Simply constructed and easy to install. Guaranteed to speed up circulation and saves fuel. The automatic feature is instantly adjusted for any required pressure by a set screw on top of each valve unit. The governor is equipped with a regulating Valve and Filter. This device regulates the water capacity of the system and comes adjusted to operate under all normal conditions, but is easily changed if necessary. Constructed of best bronze—rust and scale proof. Fully guaranteed.

5-A-7100 Harris Pressure Governor, complete..... \$15.00



Automatic Air Valve for Steam

5-A-184. Nickel plated automatic radiator air valves for steam. Size of connection pipe, thread, 1/2 inch. Each..... 40c

Thermostat Heat Regulator

\$40 Complete

Here is one of the most wonderful devices ever made to do away with heating plant drudgery. An automatic janitor, tireless, exact, never too lazy to get up. Operates with the utmost simplicity. Thermostat and clock are mounted in your living room, or bedroom, the motor in the basement. Before retiring, you set the thermostat for the temperature you wish maintained during the night, and the alarm clock at about two hours before you intend to arise. That's all. At the proper time, the alarm goes off, pushing the thermostat up to 70 degrees, and when you get up, your home is nice and warm. Full instructions for installation furnished with each outfit.

Outfit includes thermostat, alarm clock, high grade motor with pulley, 25 feet insulated electric cable, 2 insulated wires for connecting motor to batteries, 2 dry cell connectors, 1 dry cell platform, 4 pulleys for chain, 1 chain for operating dampers, 6 insulated cable staples and thermostat screws. (Dry cells not included.) Shipping weight, complete, about 30 pounds.

5-A-6500. Special price, complete, without dry cells..... \$40.00



Water Gauge Set

\$1.75

5-A-9501. Complete water gauge set. Made with brass body, iron wheels and two guards to protect glass tube. Fitted with drain cock at bottom. Polished brass finish. 1/2 inch thread Glass, size 3/4x12 inch. Price, complete..... \$1.75

Steam Gauge

\$2.10



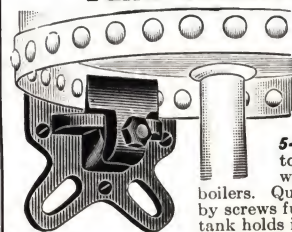
5-A-9511 Japanned Iron Case brass ring, complete with cock. They should not be used on traction or portable rigs. Always use a syphon with all steam gauges. These gauges are guaranteed to register accurately up to 200 pounds. Each gauge is packed in a wooden box. Size dials, inches..... 3 1/2 4 1/2 5 Price, each..... \$2.10 \$2.25 \$2.65 Low pressure steam gauge registering up to 30 pounds, 3 1/2 inch Dial.. \$2.10

Galvanized Steel Expansion Tanks

These are used in connection with hot water heating plants. Water gauge not included at prices quoted.

	Cap. Size	Gals. Ins.	Sq. ft. of Radiation	Price Each
5-A-190	8	10x20	300 to 400	\$ 8.00
5-A-191	10	12x20	400 to 500	8.20
5-A-193	15	12x30	500 to 600	9.20
5-A-195	20	14x30	600 to 700	12.80
5-A-197	26	16x30	700 to 900	14.35
5-A-198	32	16x36	1000 to 1300	15.35
5-A-199	42	16x48	1300 & up.....	16.85
5-A-201	Expansion tank gauge set			1.05

Improved Expansion Tank Bracket



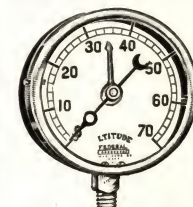
5-A-280. An ingenious bracket to hold expansion tanks in hot water heating systems or range boilers. Quickly attached to wall studding by screws furnished. Grip clamp on flange tank holds it securely in place. Price, each..... \$1.35



Hot Water Thermometers

Used in connection with hot water heating plants, registering up to 220 degrees. Guaranteed accurate. Each thermometer is carefully packed in a separate wooden box.

5-A-187. Straight Thermometers as shown in illustration. Price, each..... \$1.05
5-A-188. Angle Thermometers for use on rises or circulating pipes. Price, each..... \$1.20



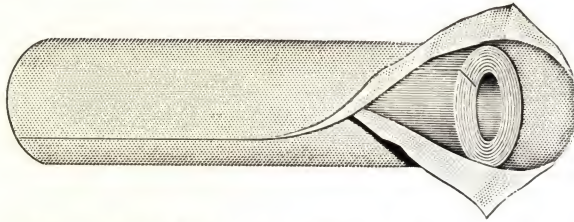
New Pattern

\$2.00

Altitude Gauges

5-A-189. Altitude Gauges are used for indicating the height of water in a hot water heating system. The red hand is movable. When you determine the height of water to just fill the system correctly, set the red hand at that point and then the indicating hand should be right on top of it. Each..... \$2.00

Pipe Covering and Heating Accessories



Moulded Asbestos Pipe Covering

21-A-204.—This form of covering is offered as a durable and effective non-conducting covering. It is absolutely fireproof and is made in sections in the various sizes, 3 feet long, which are finished with canvas jackets, and provided with sufficient metal bands to securely fasten it to the pipe. Thickness of covering, 1 inch.

For Pipe, Size	Price, per 3 ft. Length	For Pipe, Size	Price, per 3 ft. Length
1/2	\$.33	2	\$.55
3/4	.37	2 1/2	.60
1	.41	3	.65
1 1/4	.45	3 1/2	.72
1 1/2	.50	4	.90

Joint Cement



5-A-9535.

For use in steam, hot water or other pipe connections. Makes joints air tight; does not harden; easy to put in pipe connections without breaking the fitting.

2-lb. can **35c**

A Chemical Compound



5-A-211.

Permanently repairs water leaks in steam boilers, steam and hot water heating systems, radiators, etc. Boilers of 600 cubic feet heating capacity require one can of compound. Operation requires about 8 hours time to obtain best results. Weight, per can, 1 1/2 pounds. Per can. **95c**

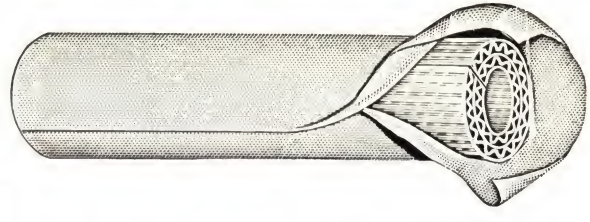
Red Lead



This is the regular plumbers' red lead for making joints water, gas or steam tight.

5-A-7850.

Comes in one-pound cans. Price **18c**



Asbestos Air Cell Pipe Covering

21-A-206. Suitable for steam or hot water heating plant. Is a first class insulator. It is 1/2" thick, made up of layers of Asbestos with small air spaces between. These air spaces very materially increase the efficiency of the covering. It is light, thus reducing freight charges. Mechanically stronger, so less liable to breakage, and we believe it is in every way equal to the Asbestos Moulded Pipe Covering. Sold in sections of 3 feet. Easily applied. Metal bands for each section.

For Pipe, Size	Price, per 3 ft. Length	For Pipe, Size	Price, per 3 ft. Length
1/2	\$.21	2	\$.37
3/4	.24	2 1/2	.40
1	.27	3	.45
1 1/4	.30	3 1/2	.50
1 1/2	.34	4	.57

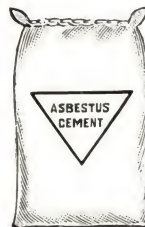
Wool Felt Pipe Covering

21-A-205. Especially recommended for hot water heating plants. This covering is made of soft corrugated wool felt with interlining of two layers of asbestos felt, and finished with a canvas jacket.

For Pipe, Size	Price, per 3 ft. Length	For Pipe, Size	Price, per 3 ft. Length
1/2	\$.25	2 1/2	\$.44
3/4	.29	3	.49
1	.33	3 1/2	.55
1 1/4	.37	4	.60
1 1/2	.40		

Asbestos Cement

100 lb. Bag **\$1.80**



21-A-207. A dry cement for covering heating boilers, iron or any other surface to prevent loss of asbestos fibre and other materials. Increases efficiency of boiler.

As asbestos Moulded covering for fittings are only made as ordered, we would recommend the use of Asbestos cement in their place. Figure 1 1/2 lbs. of cement to a fitting up to 2 inches.

Price, per 100-lb. bag. **\$1.80**

Radiator Bronze

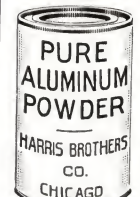


5-A-7590.

Gold Bronze Powders. 1/2 lb. **\$0.55**
1 lb. **1.00**



Radiator Aluminum



5-A-7595.

Aluminum Bronze Powder. 1/2 lb. **\$0.65**
1 lb. **1.20**

5-A-7585. Radiator bronze mixing liquid and brush.

Each
1 quart cans. **\$0.35**
1/2 gallon can. **.65**
1 gallon can. **1.15**
Bronzing brush **.40**

Domestic Water Heater



17-A-984. An efficient water heater especially made to be used in any standard furnace. Made of finest smooth gray cast iron. Convenient clean-out plug enables you to remove sediment. Two openings for 1 inch pipe. Easily installed by removing parts covering these openings. Efficiently used in connection with any 40 gallon range boiler. Price, each. **\$2.25**



Pipe Hangers

Can be cut to all desired lengths by disconnecting two lower screws. The most practical pipe hanger on the market. Easy to adjust.

21-A-185. Adjustable length, 2 to 10 ins.

Pipe Inches	Each	Pipe Inches	Each
1	\$.08	2	\$.11
1 1/4	.09	2 1/2	.12
1 1/2	.10	3	.15

Galvanized Smoke Pipe



Per Foot **30c**

17-A-7530.

Our regular galvanized smoke pipe furnished with all our Heating Plants, made of 26-gauge heavy galvanized sheet iron, comes in 2 foot lengths. This stack is shipped knocked down in the flat sheets all flanged and seamed. Can be assembled in a few minutes. Prices as follows:

Inch.	6	7	8	9	10	12
Per foot.	.30c	31c	32c	33c	36c	39c

Dampers



17-A-7535.

6 inch.	\$.45
7 inch.	.47
8 inch.	.48
9 inch.	.49
10 inch.	.50
12 inch.	1.10

Smoke Pipe Elbows

40c

17-A-7540.

26-gauge galvanized Elbows to fit above

smoke pipe. Prices as follows:

Inch.	6	7	8	9	10	12
Each.	.40c	.46c	.54c	.62c	.77c	1.08

Perforated Strap Iron



21-A-1186. For

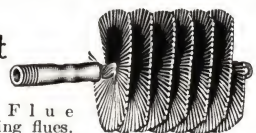
large pipe or long drops we recommend our 1/2" perforated strap iron. 5 ft. and 10 ft. lengths. Price, per foot. **\$0.05 1/2**

Iron Pipe Water Heating Coil



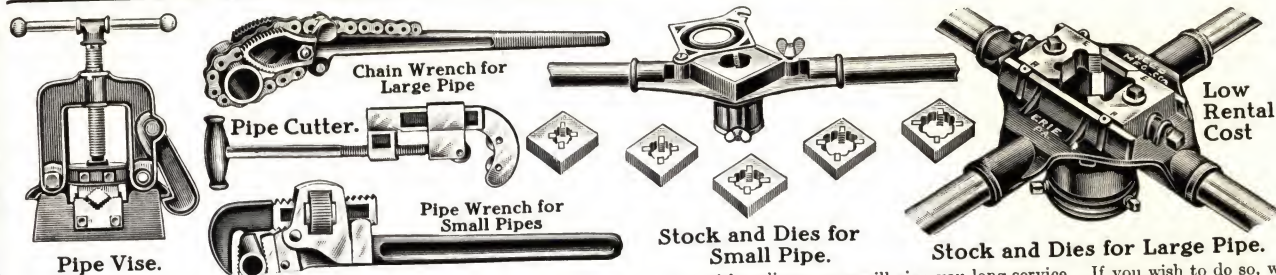
17-A-1204. Hot water Heating Coil for use with Harris Square Perfection Boilers. Completely assembled, ready for installation. Made from 1 1/4 inch pipe and fittings. Outside connection 3/4 inch. Suitable for heating 30 or 40 Galvanized Range Boilers. Weight, about 12 pounds. Price, each. **\$2.00**

Flue Cleanout Brush



17-A-1209. Flue brush for cleaning flues. Made of spring steel with handle threaded for 1/4 inch pipe. Extension handle can easily be made by coupling to 1/4 inch pipe. Shipping wt., 1 lb. Price. **\$1.10**

Tools to Install Heating Plant



The tool sets below have been carefully assembled to give our customers a complete equipment of best tools for the installation of Heating Systems. After you have decided upon the set you will need to complete your work, you will find by comparison that the low prices we are asking offer a substantial saving. The tools included in these outfits are of real high quality

and with ordinary care will give you long service. If you wish to do so, we will allow you the privilege of returning tool sets described below after you have finished installing your heating plant and will refund you for all tools returned in good condition, 90 per cent of the purchase price. This nominal charge of 10 per cent for the use of the tools barrel covers your expense in handling.

Complete Sets of Heating Plant Tools

4-A-100. The following tools are all of the finest quality and this set is recommended for use in installing heating plants where pipe not larger than 2 inches in diameter is used. The set consists of:

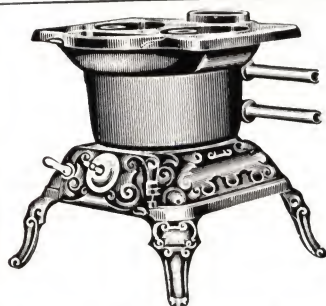
- 1 Pipe Vise for up to 2½ inch pipe.
- 1 Stock and Dies for ¼ to 1 inch pipe.
- 1 Stock and Dies for 1¼, 1½ and 2 inch pipe.
- 1 14 inch Pipe Wrench, takes ½ to 1½ inch pipe.
- 1 18 inch Pipe Wrench, takes ½ to 2 inch pipe.
- 1 Pipe Cutter, cuts 1 inch to 2 inch pipe.
- 1 Pipe Cutter, cuts ½ to 1 inch pipe.

\$23.50

4-A-101. Tools all of finest quality. This set is recommended for installing heating plants where pipe up to 3 inches in diameter is used. The set consists of:

- 1 Pipe Vise, takes ½ inch to 3 inch pipe.
- 1 Stock and Dies, takes ¼ to 1 inch pipe.
- 1 Stock and Adjustable Dies for 2½ and 3 inch pipe.
- 1 14 inch Pipe Wrench for ¼ to 1½ inch pipe.
- 1 18 inch Pipe Wrench for ½ to 2 inch pipe.
- 1 27 inch Chain Wrench for 1¼ to 2 inch pipe.
- 1 Pipe Cutter, cuts ½ inch to 1 inch pipe.
- 1 Pipe Cutter, cuts 1 inch to 2 inch pipe.
- 1 Pipe Cutter, cuts 2 inch to 3 inch pipe.

\$60.00



2-Hole Laundry Stove
Made With Hollow Water Heating Firepot

17-A-350. Strongly built of smooth gray iron castings; hollow water heating fire pot. Inside diameter of fire pot at top, 10¼ inches. Diameter of grate, 8 inches. Size of top, 14x20 inches. 1 inch pipe connection. 6 inch pipe collar.

Price..... **\$11.75**

17-A-800. Extra heavy 11¼ inch diameter fire pot at top. 9½ inch grate. Size of top, 21x23.

Price..... **\$15.25**

Garbage Burner and Tank Heater

\$65



Here is a combination tank heater and garbage burner that reduces the fuel cost to the minimum. At the upper part of the heater is a large compartment with large feed door where the fresh garbage is thrown in and left until it is dried by the heat, then thrown into fire pot by means of swinging bottom. Absolutely odorless. Ideal for homes, apartment houses, hotels, etc. Burns any other fuel as well. Made entirely of heavy cast iron, so constructed as to provide perfect expansion and contraction. Diameter of grate, 14 inches. Inlet and outlet ½ inches. Capacity 250 gallons.

17-A-1200.
Price..... **\$65.00**



4-Hole Laundry Stove
Made With Hollow Water Heating Firepot

17-A-450. Four Hole water heating laundry stove. Four 8 inch lids. Inside diameter of fire pot at top, 10¼ inches. Diameter of grate, 8 inches. Size of top, 20x22. 100 gallon capacity. 1 inch connection.

Price..... **\$13.25**

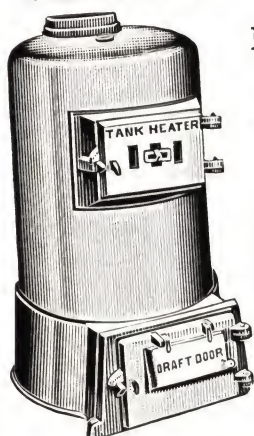
17-A-4800. Extra heavy four hole water heating laundry stove. Inside diameter of fire pot at top, 11¼ inches. 9½ inch grate. Size of top, 22x24.

Price..... **\$17.75**

Unusual Values in High Grade Tank Heaters

For Homes and Garages

\$28 and up



Just the tank heater to supply plenty of hot water to range boilers at very little cost. Burns any kind of fuel—coke, hard or soft coal, wood, etc. The 500 gallon capacity heater is ideal as a garage heater. The two larger sizes can be used for small hot water heating plants. With this tank heater you can have a practically unlimited supply of hot water. Quick heating. Easy to fire. Consumes but little fuel. Water in barrel is all around fire. Strongly made of best quality heavy iron castings. Large fire doors.

No.	Diam. of Grate	Diam. of Tappings	Capacity, Gals.	Price
17-A-130	12 in.	1¼ in.	200	\$28.00
17-A-140	14 in.	1½ in.	300	45.00
17-A-170	17 in.	2 in.	500	65.00

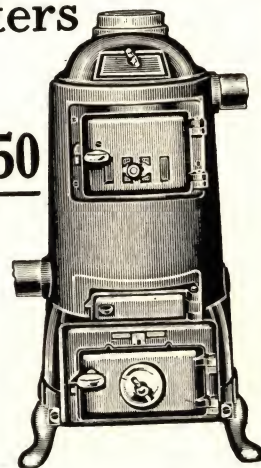
Large Size Suitable as Garage Heater

Cast Iron Tank Heater

17-A-100. Cast Iron Heater.

An excellent heater where a steady flow of hot water is required. Water in barrel is all around fire which insures quick heating of the water and practically an unlimited supply. Inlet for water is on left side at bottom of water barrel. Outlet is on right side top of water barrel. Heater is substantially constructed and strongly reinforced. Large fire door at front insures convenient feeding. Nickeled trimmings. Made of the very best gray iron castings. Diameter of grate, 10 inches. Diameter of fire pot at bottom, 14½ inches. Height of water barrel, 18 inches. Height from floor to top of smoke dome, 36 inches. Tank capacity, 200 gallons. Size of smoke pipe, 5 inches. Size of inlet and outlet, 1½ inches. Weight, 235 pounds.

Price..... **\$31.50**



Perfection Warm Air



Sectional view showing the deep, heavily corrugated firepot, large radiator and roomy ashpit

The Ash Pit is large and roomy, allowing for an accumulation of ashes without danger of burning the grate bars. The grate is extra heavily constructed, bars are triangular type and clinkers can be quickly removed. Any of the bars can be removed or replaced in a minute's time—no tools necessary.

Ash Pit or Draft Door is of butterfly type and can be regulated by means of damper chains from the living rooms. All furnaces are tapped for hot water coil.

The Casing Construction on Harris Furnaces is such as to conserve the greatest amount of heat possible. The outer casing is bright galvanized steel—26 gauge, lined with asbestos and corrugated tin which is riveted to the upper casing and which gives proper insulation. This method of construction forces all of the heat through the supply pipes to the living rooms and thus effects a large saving in fuel.

For Warm Air Pipe Heating Systems

HARRIS Warm Air Heating Systems offer many advantages to the careful buyer. They are made of all new high grade material in a large up-to-date, well equipped foundry. Every piece and part is carefully constructed by skilled workmen, carefully assembled and inspected before shipment. All furnaces are entirely set up when completed, the holes are drilled to match, the doors tight, and all parts must fit perfectly. Read the following specifications; you will then clearly see why you should buy a Harris Warm Air Heating System, with its many advantages, and no other:

Harris Furnaces are furnished with cast iron reversible radiators. The castings are extra heavy. The upper and lower sections are securely bolted together with asbestos between the joints, making an absolutely air tight construction. The fire and gases must pass completely around the circumference of the radiator, thus giving off all of the heat before passing up the chimney. The extra large clean-out openings permit thorough and easy cleaning of radiators without removing smoke pipe. All the radiators are constructed so that any fuel can be burnt without clogging. The smoke collars and clean-out collars are cast and extend through the casing.

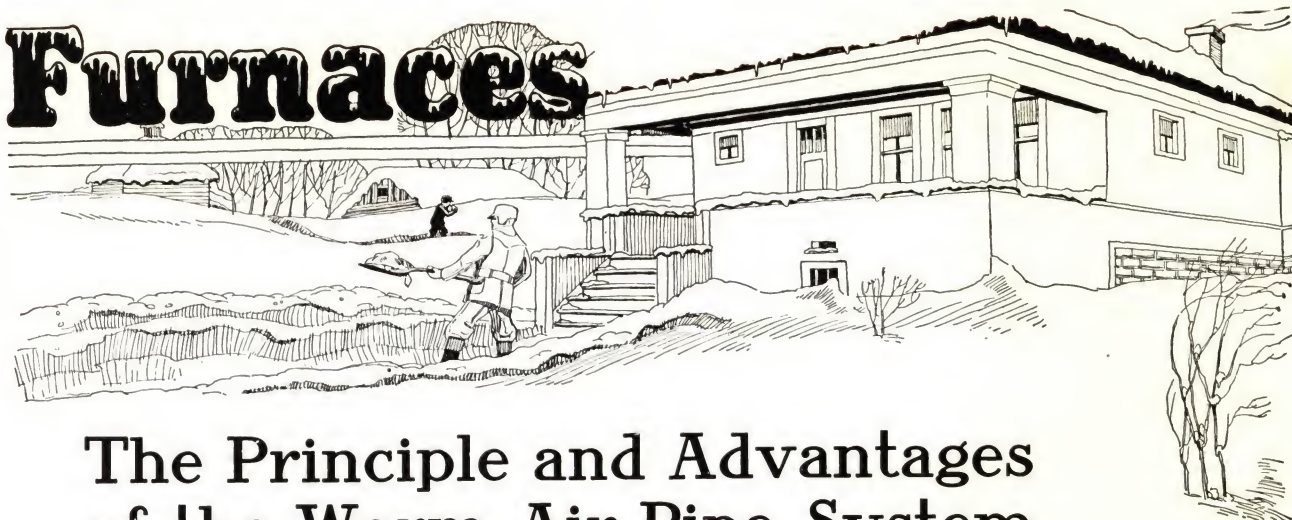
The Feed Section is extra heavy cast iron—designed to follow the cone shape of the fire. Built with an unusual amount of heating surface which guarantees maximum combustion.

The Fire Pot is in two parts, the sections being set together with deep grooves, thus allowing for expansion and contraction, which reduces the possibility of cracking to the minimum. We supply with each furnace sufficient cement to make all joints gas tight. The heavy corrugation of the fire pot gives greatest heating surface possible. The heating capacity of our furnaces is greatly increased by the extra depth of the fire pot.

Accessories With each furnace we include, without extra charge, check draft, asbestos cement, water pan, poker, shaker handle, draft and regulating dial plate, chain and pulleys.

Prices and Specifications of Perfection Furnaces on Opposite Page

Furnaces

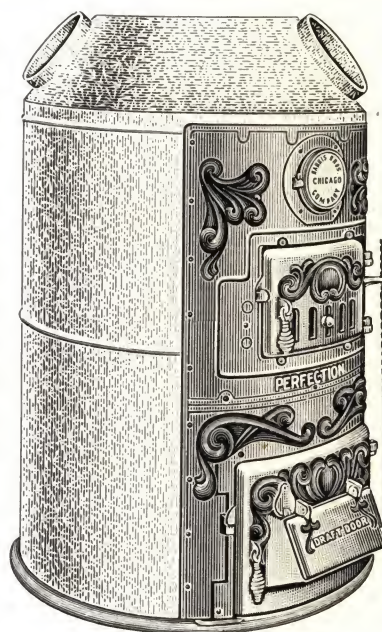


The Principle and Advantages of the Warm Air Pipe System

QUICK heat with an abundance of clean, moistened, healthful warm air circulating through all the rooms in your home, are some of the many desirable features which have made the Warm Air Heating System so popular. Aside from these advantages, an efficient, highly satisfactory Warm Air Heating System can be installed in less time, with less work and for considerably less money than a steam or hot water plant.

Warm Air Heating Systems are used everywhere for heating moderate size homes, stores, churches and schools. Where the furnace can be centrally located, a warm air plant always gives excellent results when installed according to the simple plans and easily understood instructions furnished free by our engineers.

In climates where there are quick changes in temperature only a low fire need be kept up on the mild days. Then, when there is a sudden drop in temperature, by simply opening the drafts, you can get almost instantaneous heat in all your rooms. The fresh air coming into the heating chamber through the cold air intakes and return register passes over the water pan, where it is cleaned and moistened. It is then heated in the upper part of the furnace, rising quickly through the pipes to the rooms above. As the air cools, it is led back to the furnace through the return air register, remoistened, recleaned, reheated and passed on to the rooms again. This insures even steady heat and good ventilation.



Our Expert Engineers Are Waiting to Help You

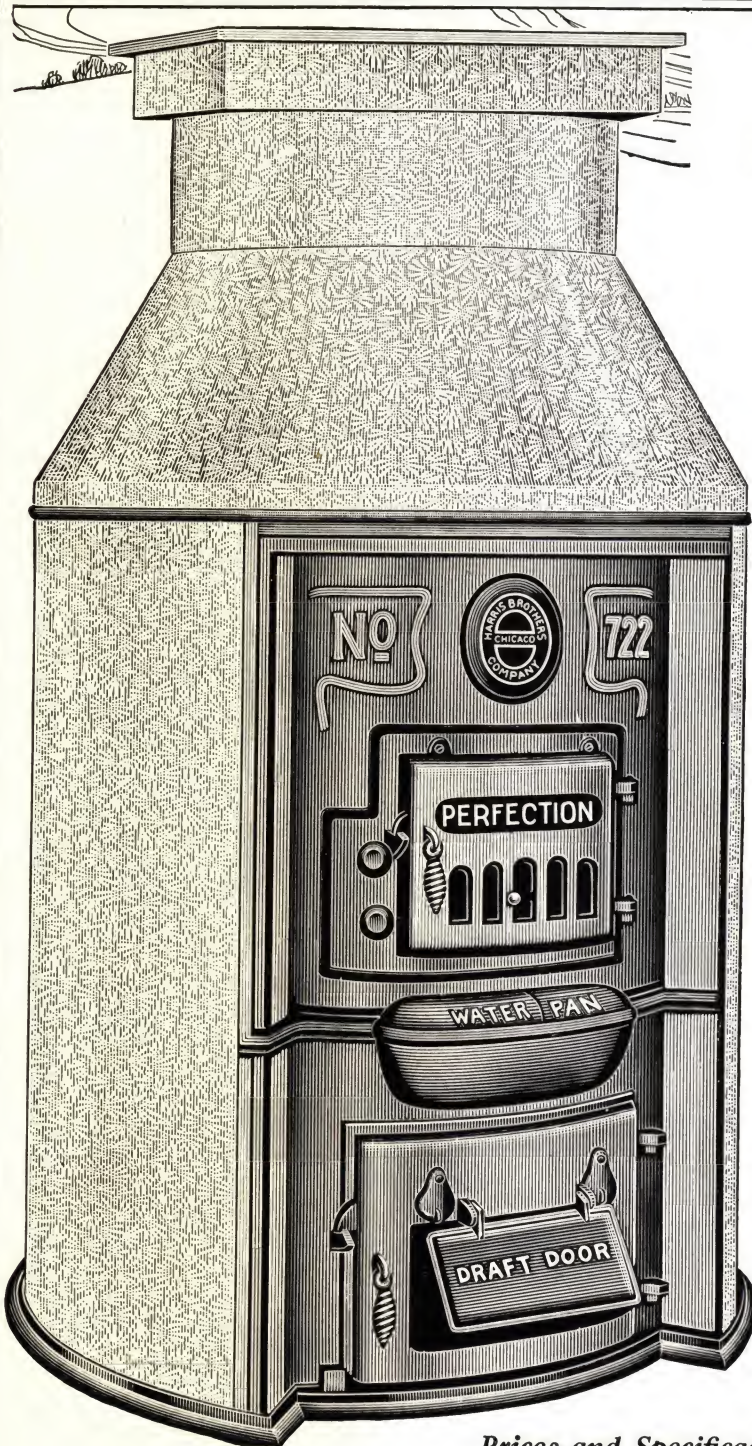
Simply send us a rough sketch of the layout of rooms in your house, indicating the size of all rooms. Our estimate will relieve you of all worry and responsibility. You can rest assured the plant we figure for you, including all the material for its installation, will heat your home satisfactorily, in all weather, with a substantial saving in fuel.

Specifications and Prices of Perfection Pipe Furnaces

Furnace Number	17-A-20	17-A-22	17-A-24	17-A-26	17-A-28	17-A-30
Heating Capacity, in cu. ft.	10,000	15,000	20,000	30,000	40,000	50,000
Diam. Fire Pot, in inches	20	22	24	26	28	30
Diam. Casing, in inches	42	46	50	54	58	62
Height Casing, in inches	45	47	49	53	56	59
Height of Radiator, in inches	15	15	15	15	15	15
Size of Feed Door, in inches	11x13	11x13	11x13	11x13	11x13	11x13
Diameter Smoke Pipe, in inches	8	8	8	9	10	10
Shipping Weight, in lbs.	700	900	1,100	1,300	1,600	1,800
Price with Cast Iron Radiator	\$60.00	\$70.00	\$90.00	\$110.00	\$130.00	\$165.00

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Perfection ReCirculating



Read How the Re-circulating Feature Cuts Your Fuel Bill!

Good circulation is absolutely necessary to heat all the rooms in your home with a Warm Air Pipeless Furnace. To supply heat through one register in one room with no provisions to keep the air circulating is not sufficient. The air rising from the furnace will retain its velocity while it is hot, but as it cools, begins to fall and will return to the cold air intake on the outer part of the floor register.

The Harris Re-circulating Pipeless System with its cold air intake returning to the furnace heats all of the rooms quickly and evenly in the coldest weather and in re-circulating the air from the rooms less heat is required and less fuel needed to retain the steady even heat. This continuous circulation of air in all rooms mixing with the fresh air which comes into any house through doors and windows is a healthful advantage that should not be overlooked.

A particular advantage of Harris Re-circulating Furnaces is the unusually large cold air return. The outer casing being placed 8 inches from the inner casing allows a quick, active return of the cold air from the rooms above which increases circulation and gives a constant flow of warm air through your living rooms.

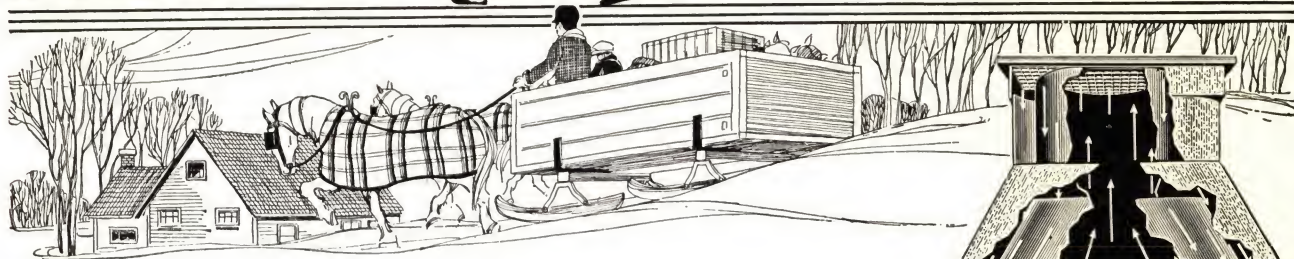
Built for Long Service!

"Harris" Re-circulating Double Casing Pipeless Furnaces are built to give lifelong service. Made entirely of cast-iron with double casing made of heavy galvanized iron. The fire pot is made in two sections with deep corrugations. The triangular grate and all parts coming in direct contact with the fire are made of finest heavy cast-iron. The ash pit is large and deep to prevent damage to the grate from accumulated ashes. Extra large door to ash pit and extra large fuel door. Large water pan. Cast-iron parts are smooth and nicely finished. The galvanized casing is securely fitted and perfectly joined.

Prices and Specifications

Number	Dia. Inner Casing	Dia. Outer Casing	Register Size	Dia. Hot Air Pipe	Heat Capacity Cubic Feet	Dia. Fire Pot	Size Feed Door	Dia. Smoke Pipe	Shipping Weight	Price
17-A-718	30 in.	38 in.	24x27	18 in.	10,000	18 in.	11x13	7 in.	900 lbs.	\$ 64.00
17-A-720	34 in.	42 in.	30x30	22 in.	13,000	20 in.	11x13	8 in.	1,000 lbs.	75.00
17-A-722	38 in.	46 in.	34x34	26 in.	18,000	22 in.	11x13	8 in.	1,200 lbs.	90.00
17-A-724	42 in.	50 in.	36x36	28 in.	25,000	24 in.	11x13	8 in.	1,400 lbs.	105.00
17-A-726	46 in.	54 in.	40x40	30 in.	35,000	26 in.	11x13	9 in.	1,700 lbs.	125.00

Double Casing Pipeless Furnace



Every Nook and Corner of All Rooms Flooded with Clean Warm Air

Within a few moments after the fire is started, an abundance of warm air, cleaned and moistened from the water pan, rises quickly through one large register. This action naturally causes the cold air at the floor to fall, in a steady flow, toward the cold air intakes, where it is drawn in, cleaned, moistened, heated and passed on to the living rooms. In this way a continuous circulation is automatically started through all the rooms in your home—reaching to the farthest corners. All rooms adjoining the room in which the register is placed are evenly heated within a short time by simply opening the doors leading to them.

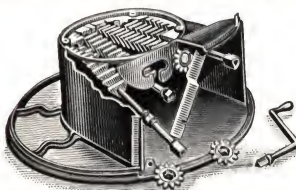


Large Cast Radiator



A special feature of "Harris" re-circulating double casing pipeless furnaces will be found in the extra large all-cast radiators. The cross-section view above shows the fire traveling. Gas and smoke must pass around the entire circumference and give up most of their heat before reaching the chimney.

Best Triangular Grate



Here is the improved triangular grate with which these splendid furnaces are equipped. Any of the grate bars can be removed or replaced without disturbing the rest of the grate in a moment's time. There are no bolts or cotter pins to take out—no special tools necessary. The most practical and convenient grate devised.

Improvements!

The "Harris" pipeless furnace has been carefully designed to embody all newest and best improvements, and as it is offered to you today it overcomes all the objectionable difficulties found in other makes. These furnaces present in themselves a complete heating system. They are ideal for the home, store, church, school and hall or for any building where the furnace can be placed in the basement near the center of the building. This furnace is designed to heat your entire building to an even temperature, distributing clean, warm air to every corner.

One Register System

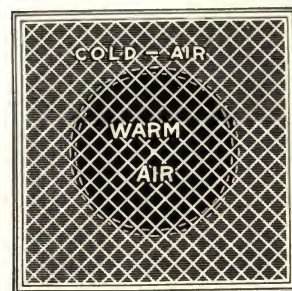
The heated air rises through the center part of the register and circulates through doorways to all rooms, continuing to rise and travel while heated, then falling and returning to the furnace. In this way an almost perfect circulation is continually maintained.

Efficient—Economical

These splendid pipeless furnaces have been successfully installed and are giving thorough satisfaction in every part of the country. The principle of continuous circulation of heated, clean air to every corner is not only healthful but economical. There will be no stagnant air chambers in your home. When the heated air leaves the furnace, after giving up its heat, it returns to the furnace through the outer rim of the register, where it is cleaned, moistened and re-circulated through the heat register.

This sectional view shows clearly the extra large cold air return and the quick active warm air supply which increases circulation and prevents cold stagnant air pockets.

The Splendid One Register Heating System



With each Harris Pipeless Furnace we furnish a Black Japanned Finished Register of suitable size to supply an abundance of cold air to the furnace.

The outer casing is 26 gauge bright galvanized steel, lined with asbestos and galvanized corrugated steel.

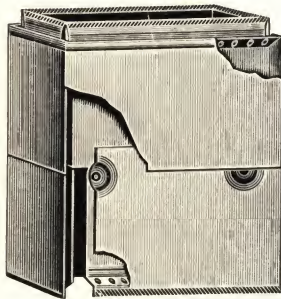
Improved Warm Air Furnace Equipment

The warm air furnace equipment on this and the following page present a careful selection. All improved features to increase the efficiency of warm air heating systems and simplify their installation.

Let Our Heating Engineers Help You

If you are planning to install a heating system and do not thoroughly understand all details of installation, you should take advantage of our Free Engineering service. Experts are waiting to help you.

Self-Locking DOUBLE Wall Pipe

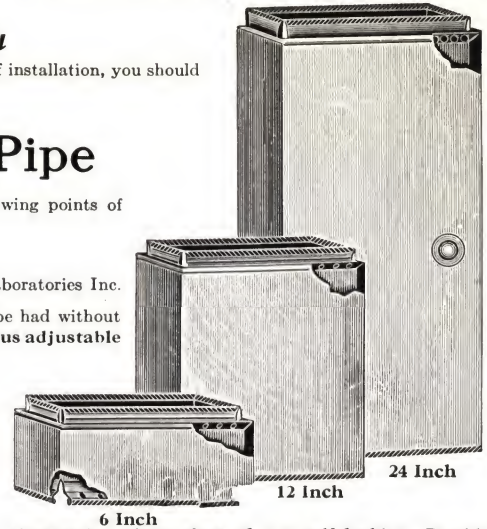


17-A-117.
Adjustable Joint

Our Self-Locking Double Wall Pipe possesses the following points of superiority:

- 1—Locks automatically and permanently.
- 2—Complies with all requirements of the Underwriters Laboratories Inc.
- 3—Any desired length, even to a fraction of an inch can be had without cutting. This is accomplished by means of our ingenious adjustable joint No. 17-A-117 illustrated at the left.
- 4—By using double wall pipe greatest efficiency can be obtained by saving 25 per cent, in transmitting heat as compared with single pipe wrapped with asbestos paper.

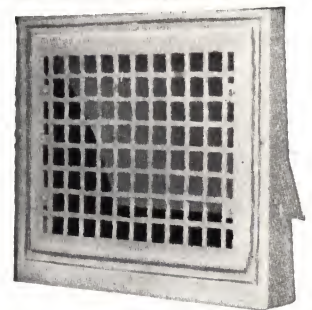
Low Prices!



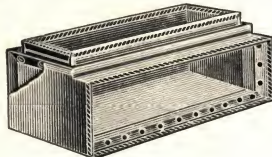
Illustrating three sizes of our self-locking Double Wall Pipe

Order by Number	Size of Pipe		17-A-14	17-A-16	17-A-17	17-A-18
			Inside	Inside	Inside	Inside
			2 5/8 x 10 ins.	2 5/8 x 12 ins.	3 x 10 ins.	3 x 12 ins.
		Outside	3 x 10 5/8 ins.	3 x 12 5/8 ins.	3 5/8 x 10 5/8 ins.	3 5/8 x 12 5/8 ins.
Section 4 inches long			\$0.32	\$0.42	\$0.32	\$0.42
Section 6 inches long			.42	.53	.42	.53
Section 10 inches long			.53	.63	.53	.63
Section 12 inches long			.59	.69	.59	.69
Section 18 inches long			.80	.95	.80	.95
Section 24 inches long			1.05	1.26	1.05	1.26
17-A-117 Adjustable Joint			.59	.69	.59	.69

Base Board Registers



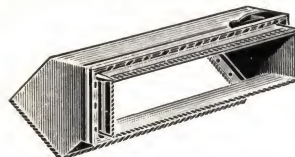
17-A-132 Newest and most efficient steel register. This register can be attached to the tin box or stock head by means of straps for which holes have been provided. Wood screws are furnished with each register for attaching to studding. Either Lacquered Antique Bronze or White Japanned.



Stack Tees

17-A-116

For 17-A-14 Wall Pipe.....	\$.88
For 17-A-16 Wall Pipe.....	.98
For 17-A-17 Wall Pipe.....	.88
For 17-A-18 Wall Pipe.....	.98

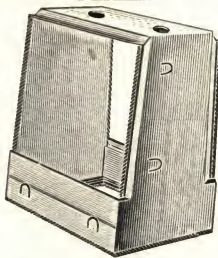


Stack Angles

17-A-21

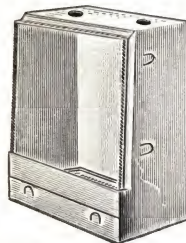
For 17-A-14 Wall Pipe.....	\$.45
For 17-A-16 Wall Pipe.....	.49
For 17-A-17 Wall Pipe.....	.45
For 17-A-18 Wall Pipe.....	.49

Size, 8x10.....	\$2.70
Size, 9x12.....	3.10
Size, 10x12.....	3.85
Size, 12x13.....	5.25



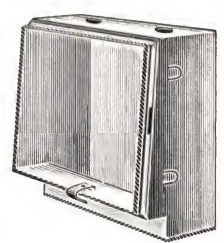
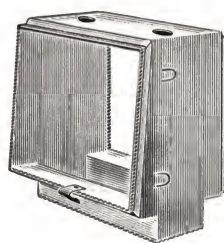
Stack Heads for First Floor

17-A-2. Stack Heads. For first Floor. Two Registers.		17-A-1. Stack Head. For first Floor. One Register.	
8x10.....	\$1.72	8x10.....	\$1.47
9x12.....	1.92	9x12.....	1.67
10x12.....	1.92	10x12.....	1.67
11x13.....	2.06	11x13.....	1.82



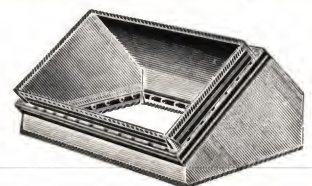
Stack Heads for Second Floor

17-A-5. Stack Head. For second Floor. Two Registers.		17-A-4. Stack Head. For second Floor. One Register.	
8x10.....	\$1.82	8x10.....	\$1.47
9x12.....	2.06	9x12.....	1.67
10x12.....	2.06	10x12.....	1.67



Angles for First Floor

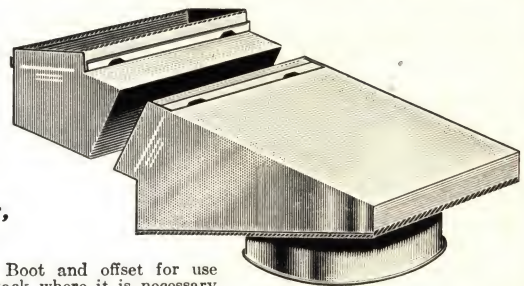
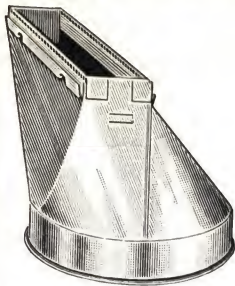
17-A-221. Angles. For use first Floor Stack Heads 17-A-1.		17-A-521. Angles. For use first Floor Stack Heads 17-A-2.	
8x10.....	\$1.61	8x10.....	\$1.99
9x12.....	1.83	9x12.....	2.10
10x12.....	1.83	10x12.....	2.10
11x13.....	2.00	11x13.....	2.25



Prices on Single Stack Heads quoted on request

Warm Air Furnace Equipment^{and} Supplies

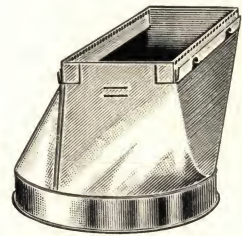
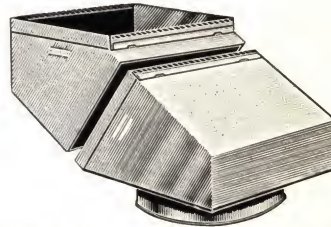
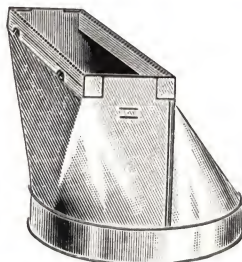
Single Boots for Wall Stacks and Stack Heads



*Boots cannot be furnished with collar,
larger or smaller than indicated*

17-A-308. Boot for use with wall stacks:
For **17-A-14** Wall Pipe, 7 inch collar.....**49c**
For **17-A-16** Wall Pipe, 8- 9 inch collar.....**56c**
For **17-A-17** Wall Pipe, 8- 9 inch collar.....**49c**
For **17-A-18** Wall Pipe, 9-10 inch collar.....**56c**

17-A-352. Boot and offset for use
with wall stack where it is necessary
to offset over a beam.
For **17-A-14** Wall Pipe, 7 inch collar.....**77c**
For **17-A-16** Wall Pipe, 8- 9 inch collar.....**87c**
For **17-A-17** Wall Pipe, 8- 9 inch collar.....**77c**
For **17-A-18** Wall Pipe, 9-10 inch collar.....**87c**

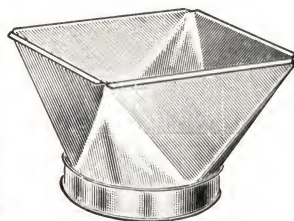


17-A-408. Boot for First Floor
Stack Head No. 17-A-1.
Size, 8x10, 8 in. collar.....**59c**
Size, 9x12, 9 in. collar.....**67c**
Size, 10x12, 10 in. collar.....**67c**
Size, 11x13, 12 in. collar.....**73c**

17-A-452. Boot and offset for
use with First Floor Stack Head
17-A-1, to offset over beam.
Size, 8x10, 8 in. collar.....**\$0.94**
Size, 9x12, 9 in. collar.....**1.06**
Size, 10x12, 10 in. collar.....**1.06**
Size, 11x13, 12 in. collar.....**1.15**

17-A-652. Boot and offset for
use with First Floor Stack Head
17-A-2, to offset over beam.
Size, 8x10, 8 in. collar.....**\$1.22**
Size, 9x10, 9 in. collar.....**1.35**
Size, 10x12, 10 in. collar.....**1.35**
Size, 11x13, 12 in. collar.....**1.43**

17-A-608. Boot for First Floor
Stack Head 17-A-2.
Size, 8x10, 8 in. collar.....**\$0.81**
Size, 9x12, 9 in. collar.....**.90**
Size, 10x12, 10 in. collar.....**.90**
Size, 11x13, 12 in. collar.....**.95**

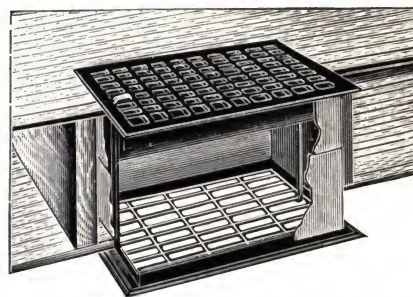


Register Box

17-A-601. Register Box for First
Floor Registers.

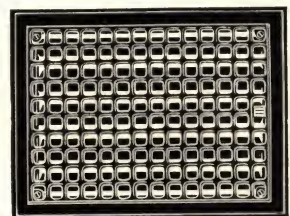
Size, 8x10, 8 in. collar.....**\$0.42**
Size, 9x12, 9 in. collar.....**.44**
Size, 10x12, 10 in. collar.....**.51**
Size, 12x15, 12 in. collar.....**.67**
Size, 14x20, 14 in. collar.....**1.40**

Adjustable Ventilators



17-A-602. Adjustable Ventilators. Adjustable from 7 to 12 inches,
supplied with Black Japanned Register at top and White Japanned Register
Face at bottom.

Size, 8x10.....**\$3.20** | Size, 10x12.....**\$4.75**
Size, 9x12.....**4.00** | Size, 12x14.....**7.75**

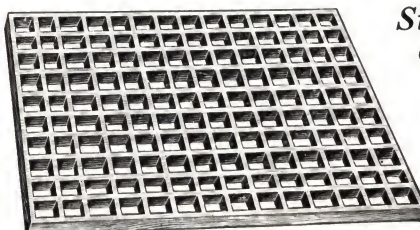


Floor Register Black Japanned Finish

17-A-600. Floor Register.

Size	Register
8x10.....	\$1.40
9x12.....	1.75
10x12.....	2.00
12x15.....	3.75
14x20.....	8.00

Return Air Register Face



*Strongly Made
of Select Oak*

Eight Sizes

17-A-700. Oak[®]-Re-
turn Air Face.

16x24.....	\$1.50	18x30.....	\$2.00
20x24.....	2.00	20x30.....	2.25
14x30.....	1.75	24x30.....	2.75
16x30.....	1.80	30x30.....	3.25

Asbestos Paper

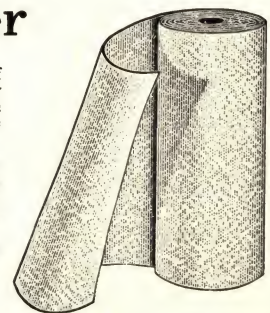
17-A-710. A fireproof material made of
natural, mineral asbestos fibre. It is very
soft and pliable. It is usually applied with
starch paste or the special asbestos paste
listed below.

In addition to covering hot air pipes,
asbestos paper can be used for covering
ceilings, walls, partitions, exposed to heat.
It comes in rolls 36 inches wide, weighing
about 1 lb. to the sq. yd.

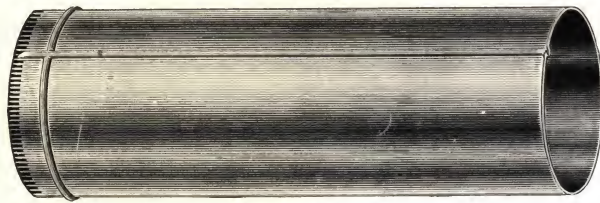
25 pound rolls, each..... **\$2.25**

Asbestos Paste

17-A-712. Asbestos Paste for applying asbestos paper to pipes. Comes
in 2 pound packages. Per package.....**50c**



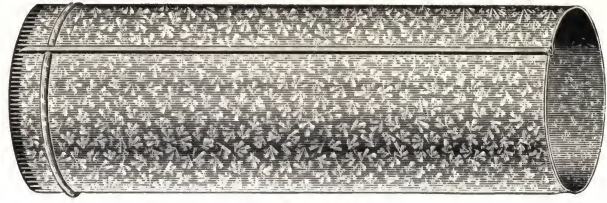
Select Material of Best Manufacture



17-A-145.

Warm Air Tin Pipe

7 inch, per foot.....	21c	10 inch, per foot.....	27c
8 inch, per foot.....	23c	12 inch, per foot.....	32c
9 inch, per foot.....	25c	14 inch, per foot.....	49c

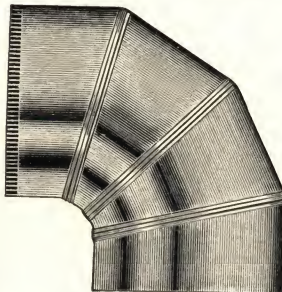


17-A-7530.

26 Gauge Galvanized Smoke Pipe

6 inch, per foot.....	25c	9 inch, per foot.....	31c
7 inch, per foot.....	28c	10 inch, per foot.....	34c
8 inch, per foot.....	30c	12 inch, per foot.....	45c

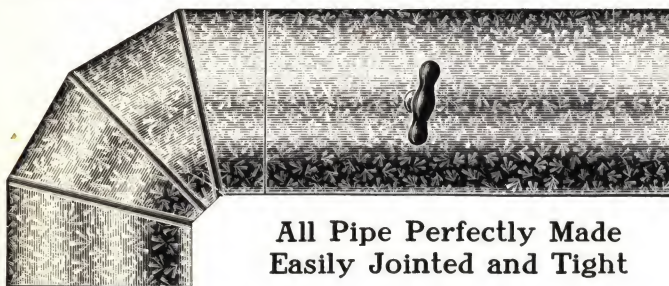
Warm Air Tin Pipe and Galvanized Smoke Pipe, made in two foot lengths only.



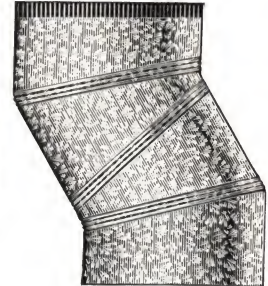
17-A-146.

Adjustable Warm Air Tin Elbows

7 inch, each.....	30c
8 inch, each.....	32c
9 inch, each.....	35c
10 inch, each.....	42c
12 inch, each.....	59c



All Pipe Perfectly Made
Easily Jointed and Tight



17-A-7540.

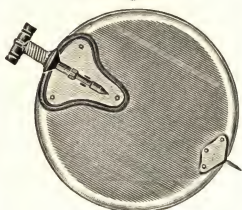
26 Gauge Adjustable Galvanized Smoke Elbows

6 inch, each.....	\$0.38
7 inch, each.....	.42
8 inch, each.....	.49
9 inch, each.....	.56
10 inch, each.....	.70
12 inch, each.....	.98

Other Desirable Features

Our Hot Air and Smoke Pipe comes in two foot lengths. Shipped knocked down. Each section is formed and shaped all ready to be locked in position and connected. By shipping this pipe knocked down and packed solid in a bundle it takes a much lower freight rate.

Steel Warm Air Dampers



17-A-147.

7 inch, per foot.....	20c
8 inch, per foot.....	23c
9 inch, per foot.....	25c
10 inch, per foot.....	28c
12 inch, per foot.....	42c
14 inch, per foot.....	56c

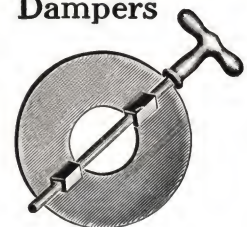
Warm or Cold Air Pipe Collars



Collar for attaching Hot Air and Cold Air Pipe to furnace.

Top Bonnet Collar 17-A-148.	Pitch Bonnet Collar 17-A-149.	Side Bonnet Collar 17-A-150.
7 inch, each.....	7 inch, each.....	10 inch, each.....
8 inch, each.....	8 inch, each.....	12 inch, each.....
9 inch, each.....	9 inch, each.....	14 inch, each.....
10 inch, each.....	10 inch, each.....	16 inch, each.....
12 inch, each.....	12 inch, each.....	18 inch, each.....
14 inch, each.....	14 inch, each.....	20 inch, each.....
14c	28c	28c
17c	29c	34c
20c	32c	42c
21c	35c	56c
25c	42c	70c
32c	52c	84c

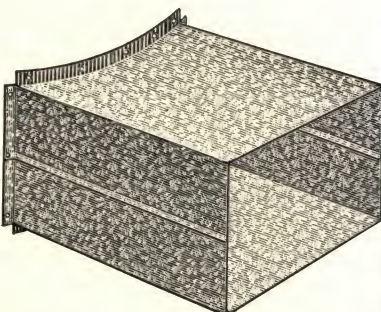
Cast Iron Smoke Dampers



17-A-7535.

6 inch, each.....	40c
7 inch, each.....	42c
8 inch, each.....	56c
9 inch, each.....	70c
10 inch, each.....	84c
12 inch, each.....	98c

Rectangular Return Air Shoe

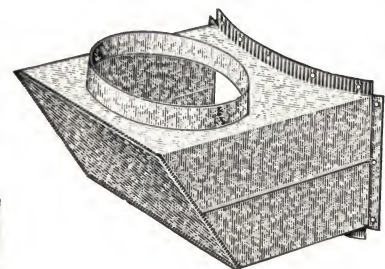


17-A-701. Return Air Shoe. For Rectangular Duct. Made of galvanized iron.

Size, 10x16 in., ea..	\$2.70
Size, 12x18 in., ea..	2.80
Size, 13x20 in., ea..	3.20
Size, 14x23 in., ea..	3.60
Size, 15x26 in., ea..	4.25

Round Return Air Shoe

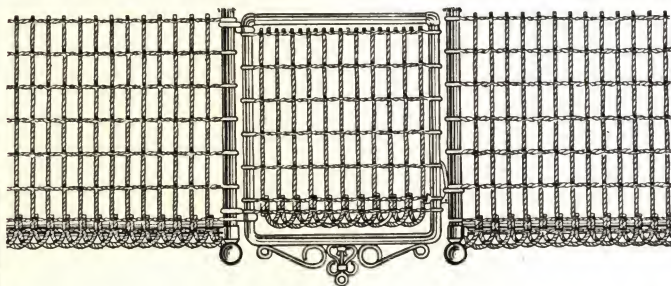
17-A-702. Return Air Shoe. For Round Ducts. Made of galvanized iron. 10x16 in., 14 in. collar. Each.....\$3.08 12x18 in. 16 in. collar. Each.....\$3.36 13x20 in. 18 in. collar. Each.....\$3.92 14x23 in. 20 in. collar. Each.....\$4.48 15x26 in. 22 in. collar. Each.....\$4.55



When ordering return air shoes give casing diameter of furnaces.

Harris Woven Wire Lawn Fencing

Made of Heavy Galvanized Wire



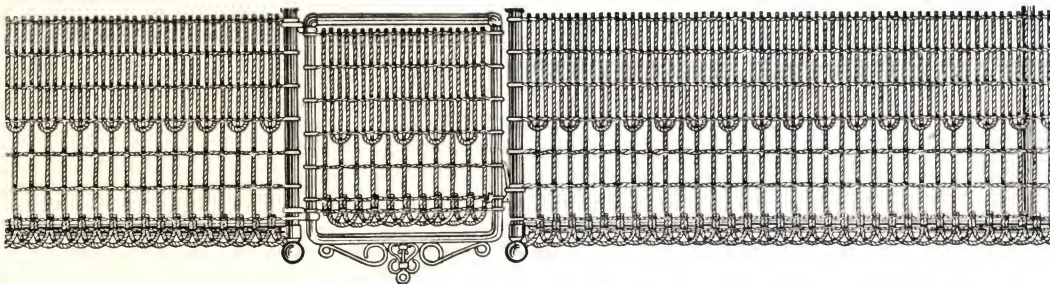
Harris Woven Wire Fencing is made of the best grade of galvanized wire. The design is plain and substantial, as shown in the cut above. This is a fence that will be suitable in any surroundings, harmonizing well on any lawn. Can be used with either steel or wood posts.

Uprights are made of No. 9 heavy galvanized wire, crimped the entire length. Cabled line wires are of heavy galvanized wire, with stays between the uprights $2\frac{1}{2}$ inches. Cables are spaced 6 inches apart, except the top wire, which is spaced $2\frac{3}{8}$ inches. We can furnish same to you in the following sizes:

2-A-428.	24 inches high.	Per lin. ft.	7c
2-A-429.	30 inches high.	Per lin. ft.	8c
2-A-430.	36 inches high.	Per lin. ft.	9c
2-A-431.	42 inches high.	Per lin. ft.	10c
2-A-432.	48 inches high.	Per lin. ft.	11c

The above fencing can be furnished in any continuous length up to 300 feet. We can furnish gates for the above, same as listed under style B-100

Harris Ornamental Lawn Fencing



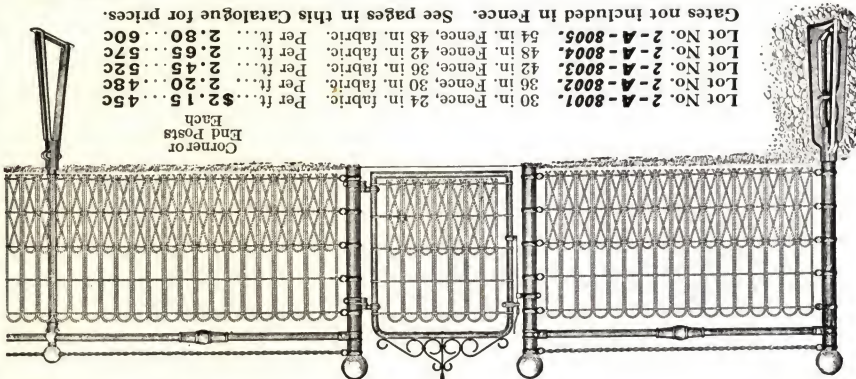
This style, B-600, differs from our 429 in that we weave in an additional picket at the bottom, adding to the beauty of the design and also giving additional strength to the fence. It will stand use and abuse and the wear of time to the limit of reasonable expectation. The space at the bottom closes to $1\frac{1}{2}$ inches.

Uprights, No. 9 galvanized wire, crimped the entire length; cables, No. 12, heavily galvanized with space between the uprights at the bottom of $1\frac{3}{8}$ inches; at the top, $2\frac{1}{8}$ inches. The cables are spaced 6 inches apart, except the top space of $2\frac{3}{8}$ inches.

2-A-404.	Price, per lineal foot.	10c
2-A-405.	24 inches high.	24
2-A-406.	30 inches high.	30
2-A-407.	36 inches high.	36
2-A-408.	42 inches high.	42
2-A-409.	48 inches high.	48
2-A-410.	54 inches high.	54
2-A-411.	60 inches high.	60

Harris Boulevard Complete Lawn Fence

We use our "Harris" Boulevard Lawn Fence for the filler in this beautiful Fence. The railing and posts are made of heavy Tubular Steel. The end, corner and gate posts measure $1\frac{3}{4}$ inches in diameter. The Posts are fitted with beautiful cast iron bases at the bottom and are mounted on the top with beautiful white enameled ball-shaped ornaments. All fittings are highest grade malleable iron. Handsome 4-ply Braided wire is stretched above the top railing, adding a neat and artistic finish to the Fence. Average weight of Fence, $8\frac{3}{4}$ pounds to the foot.



Lot No. 2-A-8001.	30 in. Fence, 24 in. fabric.	Per ft.	\$2.15
Lot No. 2-A-8002.	36 in. Fence, 30 in. fabric.	Per ft.	2.20
Lot No. 2-A-8003.	42 in. Fence, 36 in. fabric.	Per ft.	2.45
Lot No. 2-A-8004.	48 in. Fence, 42 in. fabric.	Per ft.	2.65
Lot No. 2-A-8005.	54 in. Fence, 48 in. fabric.	Per ft.	2.80
Corner or End Posts Each			60c

Gates not included in Fence. See pages in this Catalogue for prices.

Ornamental Lawn Gates

The frame is made of $1\frac{1}{2}$ inch, full weight, stiff, high carbon steel tubing, nicely painted. The gate is filled with our "Harris" Ornamental Lawn Fence fabric. All gates furnished complete with heavy malleable iron hinges for wood and a strong automatic latch of improved pattern. These gates can be used for any purpose where a walk gate is required. In ordering gates, be particular to state kind of fittings desired—whether for wooden or steel posts. In ordering ornamental gates, specify dimensions in the following rotation: Height of gate, width of opening, distance between posts. Note the following prices:

If wanted for iron posts, give diameter of posts and add \$1.50 to prices of gates.

Single Gates—Up to and including 48 inches high

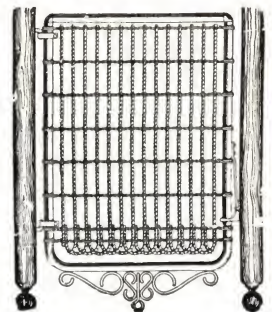
2-A-405.	3 ft. opening.	\$3.00
2-A-406.	3½ ft. opening.	3.55
2-A-407.	4 ft. opening.	3.75
2-A-408.	4½ ft. opening.	4.75
2-A-409.	5 ft. opening.	5.25
2-A-410.	6 ft. opening.	5.90
2-A-411.	7 ft. opening.	6.75
2-A-412.	8 ft. opening.	8.00
2-A-413.	10 ft. opening.	9.25
2-A-414.	12 ft. opening.	10.25

Double Gates—Up to and including 48 inches high

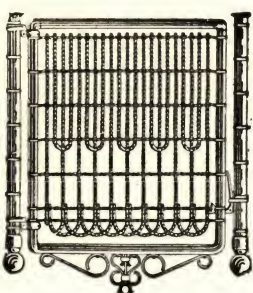
2-A-415.	6 ft. opening.	\$5.35
2-A-416.	7 ft. opening.	5.90
2-A-417.	8 ft. opening.	6.75
2-A-418.	10 ft. opening.	8.00
2-A-419.	12 ft. opening.	9.25
2-A-420.	14 ft. opening.	11.25
2-A-421.	16 ft. opening.	13.00

Above ornamental lawn fence weighs from 2 to 5 lbs. per lineal foot, depending upon height and style of fence. Gates, size 3x3 ft., weigh about 20 lbs. each. Gates with 10 to 12 foot openings weigh from 60 to 100 lbs., depending upon height and style.

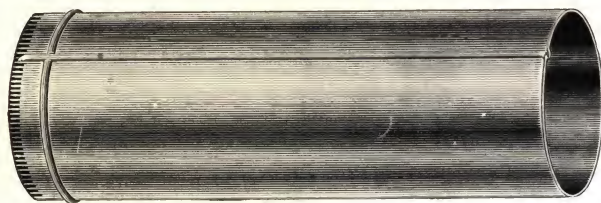
Style A-100



Style A-600



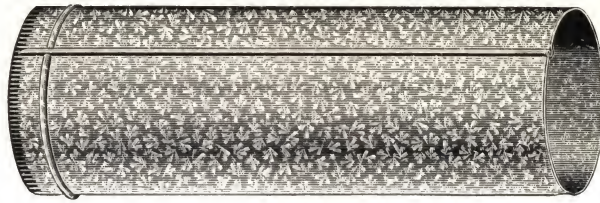
Select Material of Best Manufacture



17-A-145.

Warm Air Tin Pipe

7 inch, per foot.....	21c	10 inch, per foot.....	27c
8 inch, per foot.....	23c	12 inch, per foot.....	32c
9 inch, per foot.....	25c	14 inch, per foot.....	49c

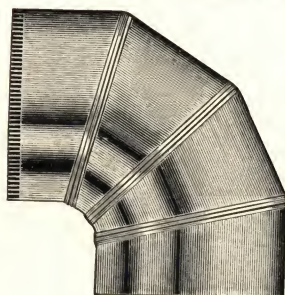


17-A-7530.

26 Gauge Galvanized Smoke Pipe

6 inch, per foot.....	25c	9 inch, per foot.....	31c
7 inch, per foot.....	28c	10 inch, per foot.....	34c
8 inch, per foot.....	30c	12 inch, per foot.....	45c

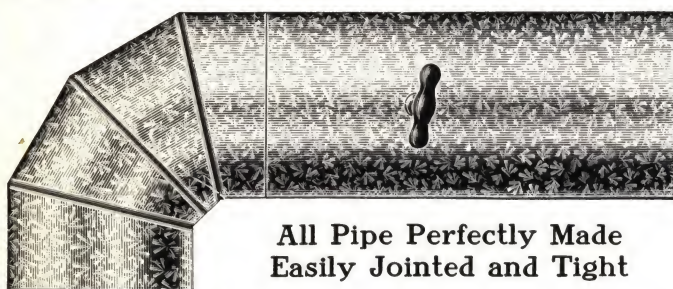
Warm Air Tin Pipe and Galvanized Smoke Pipe, made in two foot lengths only.



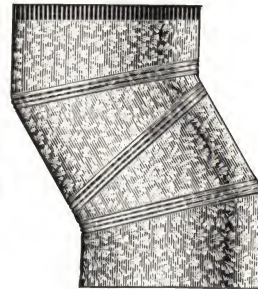
17-A-146.

Adjustable Warm Air Tin Elbows

7 inch, each.....	30c
8 inch, each.....	32c
9 inch, each.....	35c
10 inch, each.....	42c
12 inch, each.....	59c



All Pipe Perfectly Made
Easily Jointed and Tight



17-A-7540.

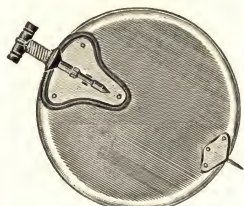
26 Gauge Adjustable Galvanized Smoke Elbows

6 inch, each.....	\$0.38
7 inch, each.....	.42
8 inch, each.....	.49
9 inch, each.....	.56
10 inch, each.....	.70
12 inch, each.....	.98

Other Desirable Features

Our Hot Air and Smoke Pipe comes in two foot lengths. Shipped knocked down. Each section is formed and shaped all ready to be locked in position and connected. By shipping this pipe knocked down and packed solid in a bundle it takes a much lower freight rate.

Steel Warm Air Dampers



17-A-147.

7 inch, per foot.....	20c
8 inch, per foot.....	23c
9 inch, per foot.....	25c
10 inch, per foot.....	28c
12 inch, per foot.....	42c
14 inch, per foot.....	56c

Warm or Cold Air Pipe Collars



Collar for attaching Hot Air and Cold Air Pipe to furnace.

Top Bonnet Collar 17-A-148.

7 inch, each.....	14c
8 inch, each.....	17c
9 inch, each.....	20c
10 inch, each.....	21c
12 inch, each.....	25c
14 inch, each.....	32c

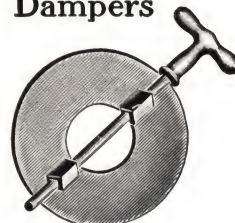
Pitch Bonnet Collar 17-A-149.

7 inch, each.....	28c
8 inch, each.....	29c
9 inch, each.....	32c
10 inch, each.....	35c
12 inch, each.....	42c
14 inch, each.....	52c

Side Bonnet Collar 17-A-150.

10 inch, each.....	28c
12 inch, each.....	34c
14 inch, each.....	42c
16 inch, each.....	56c
18 inch, each.....	70c
20 inch, each.....	84c

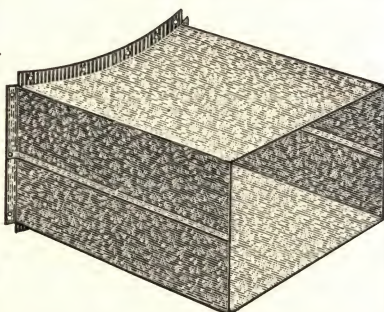
Cast Iron Smoke Dampers



17-A-7535.

6 inch, each.....	40c
7 inch, each.....	42c
8 inch, each.....	56c
9 inch, each.....	70c
10 inch, each.....	84c
12 inch, each.....	98c

Rectangular Return Air Shoe



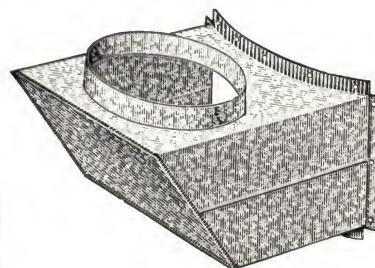
17-A-701. Return Air Shoe. For Rectangular Duct. Made of galvanized iron.

Size, 10x16 in., ea..	\$2.70
Size, 12x18 in., ea..	2.80
Size, 13x20 in., ea..	3.20
Size, 14x23 in., ea..	3.60
Size, 15x26 in., ea..	4.25

Round Return Air Shoe

17-A-702. Return Air Shoe. For Round Ducts. Made of galvanized iron.

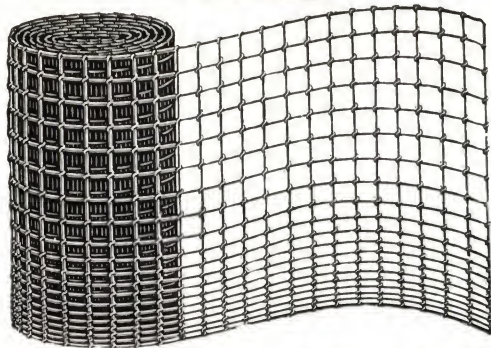
10x16 in., 14 in. collar. Each.....	\$3.08
12x18 in., 16 in. collar. Each.....	\$3.36
13x20 in., 18 in. collar. Each.....	\$3.92
14x23 in., 20 in. collar. Each.....	\$4.48
15x26 in., 22 in. collar. Each.....	\$4.55



When ordering return air shoes give casing diameter of furnaces.

Poultry and Field Fence

Galvanized Poultry Fencing



No. 2-A-5080—Extra Heavy Weight

Extra heavy weight, close mesh, made of highest quality galvanized wire. 10 gauge top wires. 10 gauge bottom wires. 12½ gauge stay and line wires. Stay wires spaced six inches apart.

36 ins. high, with 14 cross wires, price per rod..... 50c

48 ins. high, with 16 cross wires, price per rod..... 60c

60 ins. high, with 18 cross wires, price per rod..... 70c

No. 2-A-5100—Heavy Weight Fence

Made of highest quality galvanized wire. 11 gauge top wires. 12 gauge bottom wires. 14 gauge stay and line wires. Stay wires spaced six inches apart.

36 ins. high, with 14 cross wires, price per rod..... 40c

48 ins. high, with 19 cross wires, price per rod..... 45c

60 ins. high, with 22 cross wires, price per rod..... 55c

72 ins. high, with 25 cross wires, price per rod..... 60c

No. 2-A-5111—Standard Weight Poultry Fence

Made of highest quality galvanized barbed wire. Top and bottom wires 12½ gauge. Stay and line wires 15½ gauge. Stay wires spaced 6 ins. apart.

36 ins. high, with 16 cross wires, price per rod..... 30c

48 ins. high, with 19 cross wires, price per rod..... 40c

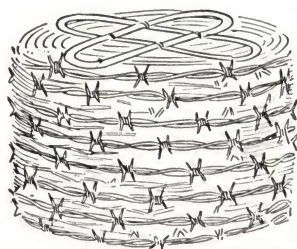
60 ins. high, with 22 cross wires, price per rod..... 50c

72 ins. high, with 25 cross wires, price per rod..... 55c

Galvanized Barbed Wire

In Reels
Containing 80 Rods

\$2.65



Galvanized Barbed Wire put up 80 rods to the reel, made of 14 gauge heavy Galvanized Open Hearth Steel Wire.

2-A-11. 2 point Galvanized Barbed Wire with barbs 5" apart, per 80 rod reel..... **\$2.65**

2-A-13. 2 point Galvanized Barbed Wire with barbs 3" apart, per 80 rod reel..... **\$2.90**

Glidden Pattern—Heavy Weight Galvanized Barbed Wire

Made of 12 gauge Open Hearth Steel heavy Galvanized Wire, put up on reels containing 80 rods. Can be supplied in either Hog or Cattle Wire, with 2 or 4 point barbs.

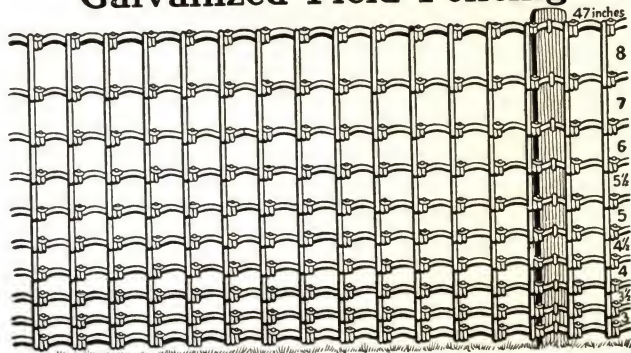
2-A-30. 2 point Galvanized Barbed Wire with barbs spaced 5" apart, per reel..... **\$3.75**

2-A-31. 2 point Galvanized Barbed Wire with barbs 3" apart, per 80 rod reel..... **\$4.00**

2-A-32. 4 point Galvanized Barbed Wire with barbs 5" apart, per 80 rod reel..... **\$4.05**

2-A-33. 4 point Galvanized Barbed Wire with barbs 3" apart, per reel..... **\$4.25**

Galvanized Field Fencing



All 9 Gauge Fence

No. 2-A-5040. Stay Wires 6 in. Apart				No. 2-A-5045. 12 in. Apart	
Height Inches	Number of Line Wires	Weight of 100 Rods	Price Per Rod	Weight of 100 Rods	Price Per Rod
26	7	1283	50c	976	35c
36	8	1503	60c	1135	44c
46	9	1739	70c	1300	50c
56	10	1990	80c	1474	57c
	11	2257	85c	1655	65c

9 and 11 Gauge Fence

No. 2-A-5050. Stay Wires Spaced 6 in. Apart				No. 2-A-5055. 12 in. Apart	
Height Inches	Number of Line Wires	Weight of 100 Rods	Price Per Rod	Weight of 100 Rods	Price Per Rod
26	7	883	39c	695	28c
36	8	1023	46c	797	33c
46	9	1174	52c	904	39c
56	10	1335	60c	1016	45c
	11	1506	65c	1133	49c

10 and 12½ Gauge Fence

No. 2-A-6000. Stay Wires spaced 6 in. apart				No. 2-A-6500. 12 in. apart	
Height Inches	Number of Line Wires	Weight of 100 Rods	Price Per Rod	Weight of 100 Rods	Price Per Rod
26	7	613	34c	492	22c
36	8	706	39c	559	28c
46	9	806	45c	630	33c
56	10	913	50c	705	39c
	11	1026	55c	782	45c

Fence Posts

Strongest
Most Durable
Fence Posts
on the Market



20c

Up Each

6-A-317. Made of heavy steel tubing, 2 in. in diameter, pointed for easy driving. Fitted with adjustable, heavy galvanized wire clamps which encircle the post and securely hold the wire in place. Weight, 2 lbs. per foot of length.

Length	Clamps Furnished	Price Each
4 foot	2	20c
5 foot	2	25c
6 foot	3	30c
7 foot	4	35c
8 foot	5	40c

Mixed Wire Nails

\$2.25 Per 100 lb. Keg

A splendid assortment of brand new wire nails in the sizes that you use every day. Indispensable about the home, workshop and farm. The same quantities bought at retail would cost you double this price. Don't forget to include this bargain with your order.

2-A-4055. 100-lb. keg of mixed nails, 3d to 40d.

Price..... **\$2.25**



Galvanized Wire

2-A-984. New galvanized wire, put up 100 lbs. in a bundle, consisting of shorts or mill ends accumulated from regular galvanized fencing wire, varies in length from 50 ft. to 200 ft. and is sorted one gauge to the bundle.

8 gauge, per 100 lbs.	\$3.25
9 gauge, per 100 lbs.	3.30
10 gauge, per 100 lbs.	3.35
11 gauge, per 100 lbs.	3.40
12 gauge, per 100 lbs.	3.45
13 gauge, per 100 lbs.	3.50
14 gauge, per 100 lbs.	3.55



\$3.25
Per 100 Pounds

Crimped Wire for Reinforcing



2-A-986. Crimped wire for Reinforcing. Strengthen your concrete work by using crimped wire for reinforcing. We can furnish this material made up of No. 9 gauge wire, crimped, and cut to any length you wish up to 20 feet. Wire is made of open hearth steel, heavily galvanized. Specify length of wire required when ordering. Put up in 100-lb. bundles. **\$4.25**
Sale Price 100 lbs.....

U. S. Galvanized Poultry Fence

\$5.40
Per Bale

of 100 Lin.
Feet, 72 In. High

This well known U. S. Poultry Fence is considered by many poultry men the most practical of all types of poultry fencing. Made of 19-gauge Galvanized Wire, galvanized before weaving, hexagon mesh, put up in bales containing 150 lineal feet.

No. 2-A-95.
Price,
per bale... **\$5.40**



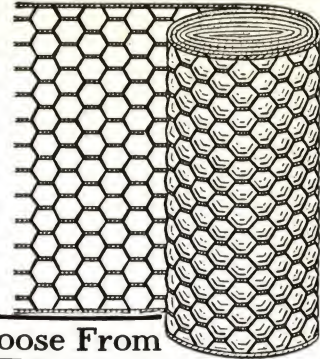
This Special Price Holds Good Only While Our Stock Lasts.

Galvanized Poultry Netting

\$2.25
Per Bale

of 150 Lin. Feet

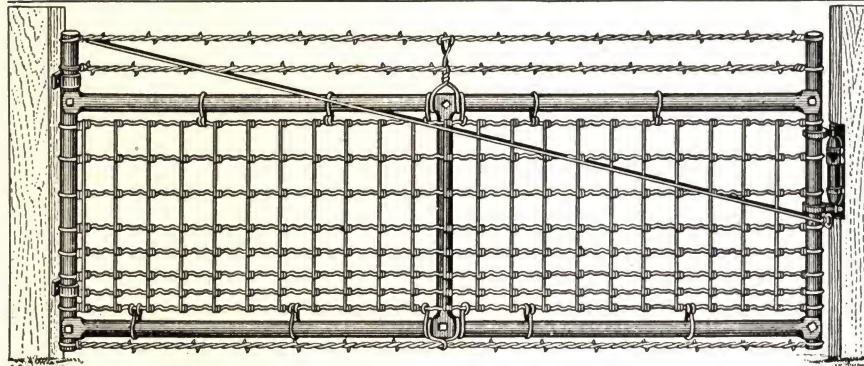
This netting is manufactured of 19-gauge wire, galvanized before weaving, 2-inch mesh, put up in bales containing 150 lineal feet. Recommended for temporary Poultry Fencing and repair work.



Four Heights To Choose From

Order by No. 2-A-115

24 in. wide, bale of 150 lineal feet.	Sale Price.....	\$2.25
30 in. wide, bale of 150 lineal feet.	Sale Price.....	2.70
36 in. wide, bale of 150 lineal feet.	Sale Price.....	2.95
48 in. wide, bale of 150 lineal feet.	Sale Price.....	4.15



Adjustable Painted Gate

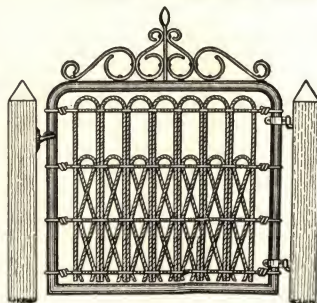
Height, 4 1/2 feet; frame work, 2-inch O. D. re-claimed boiler tubes; fencing, all 9-inch galvanized, three strands barbed wire; stay or adjustment wire 9-gauge galvanized; hinges, heavy eyebolt, 12-inch shanks, threaded 9 inches; latch, either chain or double, paint, two coats high-grade, grey enamel iron paint, brushed on; adjustable to any angle. Furnished with eyebolt hinges.

2-A-217. Size, 54 inches high, 10 ft. wide.	With Double Latch.....	\$9.80
2-A-227. Size, 54 inches high, 10 ft. wide.	With Chain Latch.....	\$9.15
2-A-218. Size, 54 inches high, 12 ft. wide.	With Double Latch.....	\$10.35
2-A-228. Size, 54 inches high, 12 ft. wide.	With Chain Latch.....	\$9.70
2-A-219. Size, 54 inches high, 14 ft. wide.	With Double Latch.....	\$11.35
2-A-229. Size, 54 inches high, 14 ft. wide.	With Chain Latch.....	\$10.70
2-A-221. Size, 54 inches high, 16 ft. wide.	With Double Latch.....	\$12.00
2-A-230. Size, 54 inches high, 16 ft. wide.	With Chain Latch.....	\$11.25

Ornamental Single Lawn Gates

The single lawn gates we offer are made of heavy Merchant's pipe measuring 1 1/2 inches outside diameter and they are filled with Perfection Lawn Fence. These gates are strictly poultry-proof and very strong and durable. Each gate is fitted with good heavy hinges and an automatic latch. The frame is nicely painted with metallic paint to prevent rust. When these gates are ordered with Perfection Lawn Fence they should be specified three inches higher than the fence and gate and the fence and gate will then match.

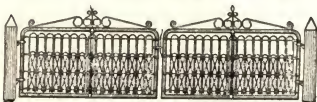
Set posts, 3 1/2 inches further apart than width of gate ordered.



Number	Width Feet	Height Inches	Ornamental
2-A-405A	3	27 or 33	\$3.30
2-A-406A	3	39 or 45	3.40
2-A-407A	3	51 or 54	3.50
2-A-408A	3 1/2	27 or 33	3.70
2-A-409A	3 1/2	39 or 45	3.75
2-A-410A	3 1/2	51 or 54	3.90

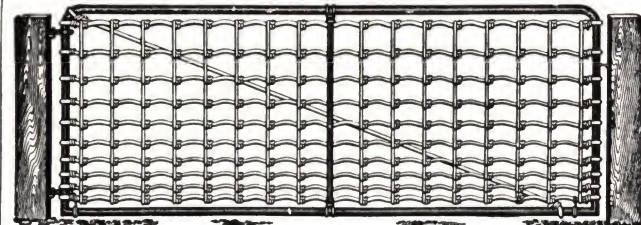
Ornamental Double Drive Gates

One side of the double gates is fitted with an automatic catch at the bottom so that it is possible to use just one-half of the gate as a single gate when so desired. Each of the two gates composing the double gate is braced diagonally with a heavy galvanized wire and the 12-foot wide double gate is braced in the center of each gate with a 1/2-inch upright pipe, making them very rigid and strong.



Number	Width Feet	Height Inches	Ornamental	Plain
2-A-416A	10	27	\$10.00	\$ 9.60
2-A-417A	10	33	10.00	9.60
2-A-418A	10	39	10.00	9.60
2-A-419A	10	45	10.00	9.60
2-A-420A	10	51	10.00	9.60
2-A-421A	12	27	12.15	11.75
2-A-422A	12	33	12.15	11.75
2-A-423A	12	39	12.15	11.75
2-A-424A	12	45	12.15	11.75
2-A-425A	12	51	12.15	11.75

Harris Driveway and Farm Gates



This gate is made of 1 3/8-inch outside diameter steel tubing, the upright brace in center is made of 3/8-inch tubing in 10 and 12 foot lengths, and two upright braces in 14 foot lengths.

We also place a No. 8 Galvanized Wire diagonally across the frame to strengthen it. Complete, with hinges, latches and all necessary fittings to hang on wood posts. Hinges are adjustable and can be placed at any point on the gate, so that you can adjust them up or down. Frame is covered with our Harris Square Mesh Fence.

Number	Width Feet	Height Inches	Price, Each
2-A-200	10	54	\$ 7.50
2-A-201	12	54	8.55
2-A-202	14	54	9.50
2-A-203	16	54	12.00

Extra-Strong Farm Gates

Our Atlas Farm Gate is one of the strongest gates on the market. The frame is made of best quality wrought iron pipe, 1 1/2 inches outside diameter, and the two upright braces are 1 1/2 inches. The frame is braced diagonally with a 3/8-inch steel rod, which prevents sagging. The No. 9 galvanized wire is closely woven to turn pigs and chickens. The frame and braces are painted black; fitted with a strong set of hinges and an automatic latch. Prices are F. O. B. factory in Central Indiana.

No.	Width	Height	Weight	Price
2-A-213	10 feet	54 inches	105 pounds	\$10.00
2-A-214	12 feet	54 inches	120 pounds	11.60
2-A-215	14 feet	54 inches	135 pounds	12.75
2-A-216	16 feet	54 inches	150 pounds	13.50

Harris Woven Wire Lawn Fencing

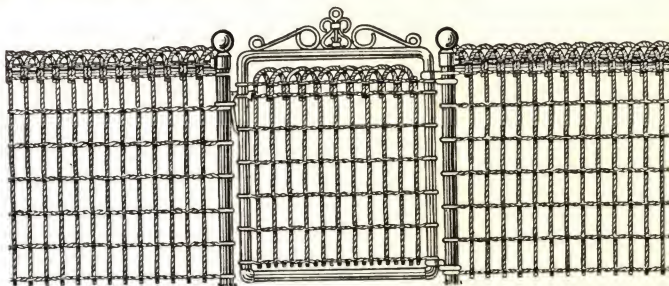
Made of Heavy Galvanized Wire

Harris Woven Wire Fencing is made of the best grade of galvanized wire. The design is plain and substantial, as shown in the cut above. This is a fence that will be suitable in any surroundings, harmonizing well on any lawn. Can be used with either steel or wood posts.

Uprights are made of No. 9 heavy galvanized wire, crimped the entire length. Cabled line wires are of heavy galvanized wire, with stays between the uprights $2\frac{3}{8}$ inches. Cables are spaced 6 inches apart, except the top wire, which is spaced $2\frac{3}{8}$ inches. We can furnish same to you in the following sizes:

2-A-428.	24 inches high.	Per lin. ft.	7c
2-A-429.	30 inches high.	Per lin. ft.	8c
2-A-430.	36 inches high.	Per lin. ft.	9c
2-A-431.	42 inches high.	Per lin. ft.	10c
2-A-432.	48 inches high.	Per lin. ft.	11c

The above fencing can be furnished in any continuous length up to 300 feet. We can furnish gates for the above, same as listed under style B-100

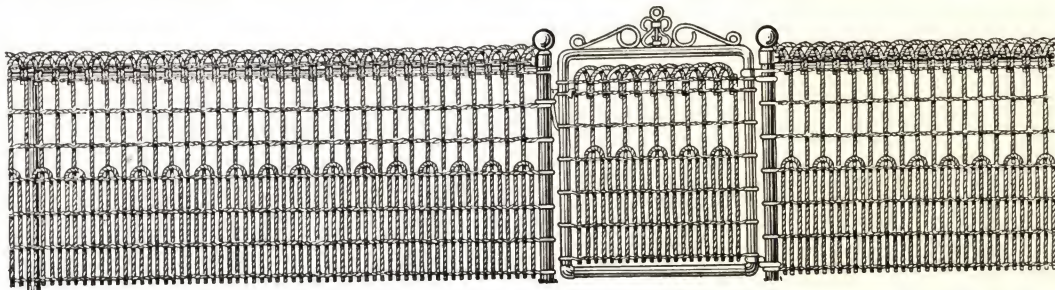


Harris Ornamental Lawn Fencing

This style, B-600, differs from our 429 in that we weave in an additional picket at the bottom, adding to the beauty of the design and also giving additional strength to the fence. It will stand use and abuse and the wear of time to the limit of reasonable expectation. The space at the bottom closes to $1\frac{3}{8}$ inches.

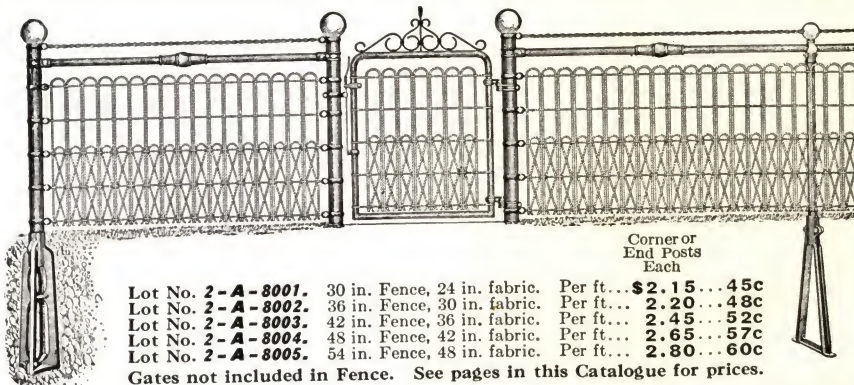
Uprights, No. 9 galvanized wire, crimped the entire length; cables, No. 12 $\frac{1}{2}$, heavily galvanized with space between the uprights at the bottom of $1\frac{3}{8}$ inches; at the top, $2\frac{3}{8}$ inches. The cables are spaced 6 inches apart, except the top space of $2\frac{3}{8}$ inches.

Height of fabric, inches.	24	30	36	42	48	54	60
2-A-404. Price, per lineal foot.	10c	11c	12c	14c	17c	20c	23c



Harris Boulevard Complete Lawn Fence

We use our "Harris" Boulevard Lawn Fence for the filler in this beautiful Fence. The railing and posts are made of heavy Tubular Steel. The end, corner and gate posts measure $1\frac{3}{4}$ inches in diameter. The Posts are fitted with beautiful cast iron bases at the bottom and are mounted on the top with beautiful white enameled ball-shaped ornaments. All fittings are highest grade malleable iron. Handsome 4-ply Braided wire is stretched above the top railing, adding a neat and artistic finish to the Fence. Average weight of Fence, $8\frac{3}{4}$ pounds to the foot.



Lot No. 2-A-8001.	30 in. Fence, 24 in. fabric.	Per ft.	\$2.15...45c
Lot No. 2-A-8002.	36 in. Fence, 30 in. fabric.	Per ft.	2.20...48c
Lot No. 2-A-8003.	42 in. Fence, 36 in. fabric.	Per ft.	2.45...52c
Lot No. 2-A-8004.	48 in. Fence, 42 in. fabric.	Per ft.	2.65...57c
Lot No. 2-A-8005.	54 in. Fence, 48 in. fabric.	Per ft.	2.80...60c

Gates not included in Fence. See pages in this Catalogue for prices.

Ornamental Lawn Gates

The frame is made of $1\frac{1}{2}$ inch, full weight, stiff, high carbon steel tubing, nicely painted. The gate is filled with our "Harris" Ornamental Lawn Fence fabric. All gates furnished complete with heavy malleable iron hinges for wood and a strong automatic latch of improved pattern. These gates can be used for any purpose where a walk gate is required. In ordering gates, be particular to state kind of fittings desired—whether for wooden or steel posts. All gates are made to fit openings. By openings we mean total distance between posts. In ordering ornamental gates, specify dimensions in the following rotation: Height of gate, width of opening. Note the following prices:

If wanted for iron posts, give diameter of posts and add \$1.50 to prices of gates.

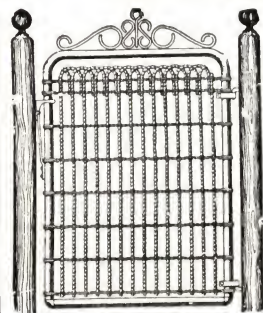
Single Gates—Up to and including 48 inches high

2-A-405.	3 ft. opening...	\$3.00	2-A-411.	6 ft. opening...	\$5.35
2-A-406.	3 $\frac{1}{2}$ ft. opening...	3.55	2-A-412.	7 ft. opening...	5.90
2-A-407.	4 ft. opening...	3.75	2-A-413.	8 ft. opening...	6.75
2-A-409.	5 ft. opening...	4.75	2-A-414.	10 ft. opening...	8.00
			2-A-415.	12 ft. opening...	9.25

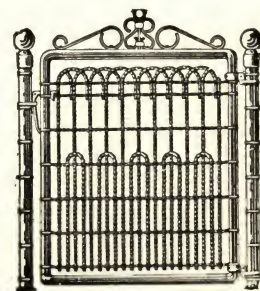
Double Gates—Up to and including 48 inches high

2-A-416.	8 ft. opening...	\$ 7.75	2-A-419.	14 ft. opening...	\$11.25
2-A-417.	10 ft. opening...	9.25	2-A-420.	16 ft. opening...	13.00
2-A-418.	12 ft. opening...	10.25			

Above ornamental lawn fence weighs from 2 to 5 lbs. per lineal foot, depending upon height and style of fence. Gates, size 3x3 ft., weigh about 20 lbs. each. Gates with 10 to 12 foot openings weigh from 60 to 100 lbs., depending upon height and style.



Style A-100

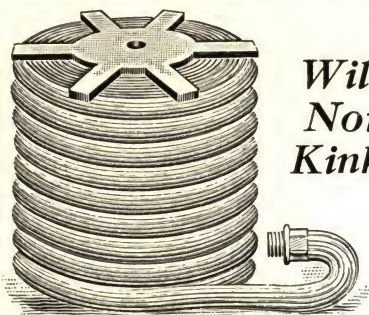


Style A-600

HARRIS BROTHERS COMPANY, 35th and Iron Streets, CHICAGO

Wheel Barrows—Hose & Supplies

Molded Braided Garden Hose



**Will
Not
Kink**

The most popular, durable rubber garden hose on the market is the molded constructed. It will not kink like the ordinary wrapped hose as it is molded under high pressure both external and internal. No seams in either the duck or rubber and will stand the highest water pressure. All high grade Brand New Stock, guaranteed to satisfy.

Lot No. 3-A-33. Size, $\frac{5}{8}$ -inch inside single braid non-kinking, black corrugated molded hose, furnished with standard $\frac{3}{4}$ -inch brass couplings, attached each end.

25-Foot Lengths, with couplings attached.....**\$2.65**

50-Foot Lengths, with couplings attached.....**5.10**

Cut in any lengths, per foot.....**9 $\frac{3}{4}$ c**

Couplings attached, extra per set.....**25c**

Lot No. 3-A-34. Size, $\frac{3}{4}$ -inch inside, single braid, non-kinking, black corrugated molded hose, furnished with standard $\frac{3}{4}$ -inch brass couplings.

25-Foot Lengths, with couplings attached.....**\$3.00**

50-Foot Lengths, with couplings attached.....**5.85**

Cut in any lengths, per foot.....**11 $\frac{1}{4}$ c**

Couplings attached, extra per set.....**25c**

Lot No. 3-A-35. Size, $\frac{3}{4}$ -inch inside, double braid, non-kinking, red corrugated molded hose, furnished with standard $\frac{3}{4}$ -inch brass couplings, attached each end.

25-Foot Lengths, with couplings attached.....**\$3.40**

50-Foot Lengths, with couplings attached.....**6.55**

Cut in any lengths, per foot.....**12 $\frac{3}{4}$ c**

Couplings attached, extra per set.....**25c**

Mortar and Concrete Barrow

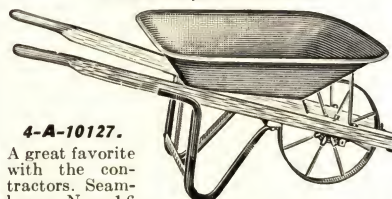


4-A-10103.

The only deep tray mortar barrow equipped with a seamless steel tray—no rivets or spot welds—no leaks. The extra heavy, one-piece tray dumps clean, 38x25 in. on top, capacity 4 cubic feet. Sturdy 16 in. wheel, tire 1 $\frac{1}{2}$ x $\frac{3}{4}$ in. Extension handles and angle iron wheel guard permits of forward dumping. Shipped knocked down.

Weight, about 70 pounds.....**\$8.25**

Pan Tray Barrow



4-A-10127.

A great favorite with the contractors. Seamless, No. 16 Gauge steel tray 29 $\frac{1}{2}$ x37 in. on top, capacity 4 cubic feet, mounted on wooden risers. Heavy angle iron legs, securely braced, angle iron wheel guard. Straight grain, hard wood handles, 1 $\frac{3}{4}$ x2 $\frac{1}{4}$ in. 16 in. steel wheel with malleable hub.

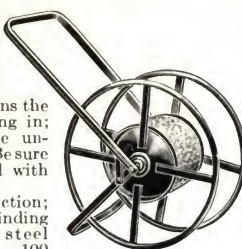
Weight, about 65 pounds.....**\$7.60**

All Steel Hose Reel

3-A-47. The use of a reel is recommended, as it drains the hose when winding in; also prevents the unnecessary wear. Be sure and order a reel with your hose.

All steel construction; galvanized iron winding drum; strong steel wheels, capacity, 100 feet of $\frac{3}{4}$ -inch hose.

Price.....



\$2.25

3-A-55. Adjustable Brass Hose Nozzle

from a solid stream or complete shut-off. Size for $\frac{3}{4}$ " hose coupling.

Price each.....**50c**



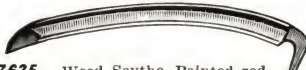
Patent Loop Scythe Snaths



4-A-7639. Selected Seasoned Stock. Properly shaped, nicely finished and varnished. With patent loop and wrench.

Price.....**\$1.40**

Weed Scythe



4-A-7635. Weed Scythe. Painted red. Polished cutting edge.

Price.....**\$1.50**

Improved Scythe Pattern

4-A-7623. Grass Hook and Lawn Trimmer. Has crucible steel cutting edges, finely tempered, properly shaped and balanced. Guaranteed to give perfect satisfaction.

Price.....**45c**



Grass Hooks

4-A-7621. Grass Hooks. Extra high grade steel, properly tempered, polished edges. Fully warranted.

Price.....**50c**

Garden Barrow



4-A-10117.

Made of selected hardwood. Strongly constructed with steel braces, painted and varnished in a superior manner. Removable sides. Bed length, 28 inches. Width at handles, 20 inches, depth, 12 inches. 20-inch improved steel wheel with malleable hubs. Tire 1 $\frac{1}{2}$ inches wide. Weight, about 55 pounds.....**\$5.45**

Coal Barrow



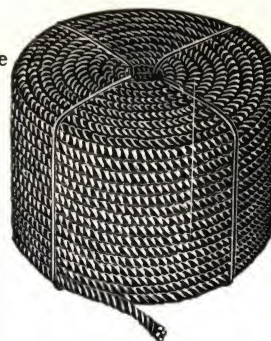
4-A-10101. The most popular barrow among coal dealers for use in the yard or on the wagon. Especially designed for dumping to chute or window. Tray of 16 gauge sheet steel, 44 in. long, 27 in. wide at handles and 20 in. wide at wheel. Greatest depth 15 $\frac{1}{2}$ in., 10 in. deep at handles. On slant in front, 25 in. Equipped with 17 in. steel wheel, 1 $\frac{3}{4}$ x $\frac{3}{8}$ in. tire, $\frac{5}{8}$ in. axle. Capacity, 350 lbs. coal.

Price.....**\$15.00**

Pure Manila New Rope

2-A-11617.

Made of selected long pure Manila fiber. The $\frac{3}{4}$ -inch is used for the Trip and the $\frac{1}{2}$ -inch is generally used for the Carrier although in connection with our outfit either the $\frac{3}{4}$ -inch or the 1 inch rope can be used.



Size Inches	Price Per 100 ft.	Size Inches	Price Per 100 ft.
$\frac{1}{4}$	\$0.56	$\frac{3}{8}$	\$5.50
$\frac{1}{2}$	1.10	1	6.60
$\frac{3}{4}$	2.05	1 $\frac{1}{4}$	8.40
1	3.45	1 $\frac{3}{4}$	9.80
$\frac{1}{2}$	4.10	1 $\frac{1}{2}$	14.50

Whirlwind Revolving Lawn Sprinkler

\$1.55

3-A-49. The most popular Sprinkler offered. Brass head and arms. Sprinkler's height is 12 inches, with three 6-inch brass arms. Has loose swivel in sled. Covers a large area. The head is easy running and will operate equally as well under a low as a high pressure. This is a very handsome lawn fixture and can be placed anywhere without shutting off the water.



Will fit $\frac{3}{4}$ -inch hose couplings.

Price, each.....**\$1.55**

Steel Grass Shears



4-A-7617. High grade forged steel blade. Malleable iron shanks. Fully warranted.

Price.....**28c**

Steel Tray Barrow

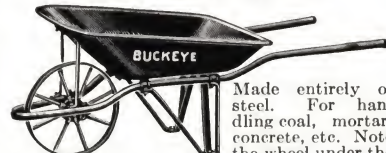


4-A-10115.

Handy, sturdy steel tray barrow for general purposes. Painted and varnished throughout. Tray, 28x32 in., pressed from No. 18 Gauge annealed, sheet steel. Capacity 3 cubic feet. 16 in. steel wheel with malleable iron hub.

Weight, about 47 pounds.....**\$4.90**

Tubular Steel Barrow



Made entirely of steel. For handling coal, mortar, concrete, etc. Note the wheel under the

load, due to double bend in frame.

4-A-10129. Seamless steel tray, 18 gauge, 32x28 in. 7 in. deep at wheel, 5 in. at handles. Capacity, 3 cu. ft.

Price.....**\$6.75**

4-A-10131. Seamless steel tray, 16 gauge, 37x29 $\frac{1}{2}$ in. 9 in. deep at wheel, 6 $\frac{1}{2}$ in. at handles. Capacity, 4 cu. ft.

Price.....**\$8.25**

Garden Implements and Tools

Tree Pruners



4-A-7575
Pruning can be done without climbing or using a ladder. Furnished complete with wood pole. The blade, being thin, offers but slight resistance in cutting. Length complete, eight foot. **\$1.40**



For use of linemen for cutting wires free from the branches. Also is desirable for orchard use. Is supported by a rope, tied in the end of a lever. When released the spring opens the blade. Socket is threaded and can be readily screwed on pole of any required length.

4-A-7565. Extra knives for above pruner. Each. **25c**

4-A-7567. Price is for pruner only and does not include pole or rope. Price. **\$2.00**

Two Prong Hoe



4-A-7557. Two-pronged forged tempered steel blade. Width, $3\frac{1}{2}$ inches, height, 9 inches. 4-foot selected hardwood handle. Strong and durable. Price, each. **40c**

Warren Pattern Hoe



4-A-7559. Polished steel blade, $6\frac{1}{2}$ ins. wide, $7\frac{1}{2}$ ins. deep. Selected hardwood handle, $4\frac{1}{2}$ feet long. Made in superior manner. Price, each. **57c**

Weeding Hoe and Rake



4-A-7561. Polished steel blade, $6\frac{1}{2}$ inches wide, $7\frac{1}{2}$ inches deep. Selected hardwood handle, $4\frac{1}{2}$ feet long. Made in superior manner. Price, each. **\$1.05**



Hand Cultivator

4-A-7555. Strong and substantial. Has 5-foot pointed forged tempered steel teeth, 4-handled. Price. **90c**

Grub Hoe Handle



4-A-7521. Selected Hickory handle, length, 36 inches. Price, each. **34c**

Steel Manure Hook



4-A-7533. Made in a strong, durable manner. With four 9-inch forged steel oval tines. 6-foot selected hardwood handle, plain capped ferrule, riveted through handle, will not pull off. Price. **\$1.15**

Steel Potato Hook



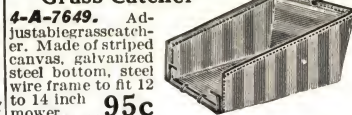
4-A-7535. Made in a strong, durable manner. Four diamond back crucible tines; length, $6\frac{1}{2}$ inches; $4\frac{1}{2}$ -foot extra quality hardwood handle. Plain capped ferrule, riveted through handle; will not pull off. Price. **\$1.05**

Solid Socket Field Hoe



4-A-7551. A heavy, strongly made, durable hoe. Suitable for any general field work. Blades are made of high grade forged steel. Heavy one piece steel sockets. Extra quality hardwood handles. 7-inch hoe has 5-foot handle; other sizes, $4\frac{1}{2}$ feet. Width of blade, inches. 6 $6\frac{1}{2}$ 7
Price, each. 70c 75c 80c

Grass Catcher



4-A-7649. Adjustable grass catcher. Made of striped canvas, galvanized steel bottom, steel wire frame to fit 12 to 14 inch mower. Price, each. **95c**

4-A-7651. To fit mowers 16 to 20 inches wide. Price, each. **\$1.05**

MALLE- ABLE IRON RAKES



4-A-7563. Made in a superior manner and an excellent value. Hardwood handle; length, $5\frac{1}{2}$ feet. Number of Teeth. 12 14
Price, each. 50c 56c

REVERSIBLE LAWN RAKES

4-A-7513. A great favorite. Can be used for grass or leaves, has 24 heavy steel wire teeth. 6-foot selected hardwood handle. Price, each. **70c**

BRACED STEEL GARDEN RAKE



4-A-7537. The very best garden rake made. fitting head in one piece of solid steel. Steel bows well braced. Selected hardwood handles. No. of Teeth. 12 14
Length handle, feet, $5\frac{1}{2}$ 6
Price, each. **\$1.05 \$1.10**

CALIFORNIA PATTERN PRUNING SHEARS

4-A-7545. Extra quality black finish. Steel Blade, Malleable handle, volute steel spring. Length, 9 inches. $2\frac{1}{2}$ -inch blade. Price, each. **75c**

4-A-7547. Extra quality California Pruning Shears. Bright nickel plated. $2\frac{1}{2}$ -inch finely tempered steel blade. Length, 9 inches. Fully warranted. Price. **\$1.20**

PRUNING SHEARS

4-A-7539. Malleable iron handles. Spiral brass spring and link. Length, 9 inches; $2\frac{1}{2}$ inch steel blades. Price, each. **10c**

4-A-7541. Henry Pattern Pruning Shears. With a volute steel spring. Black japanned handles. Fine tempered steel blade. Length, $8\frac{1}{2}$ inches. Fully warranted. Price. **45c**

Manure Forks

4-A-7527. Strong, durable fork, exceptionally well made. Has 12-inch polished crucible oval steel tines. $4\frac{1}{2}$ -foot extra quality bent hardwood handle. Capped and strapped ferrules. No. of tines. 4 5 6
Price, each. **\$1.25 \$1.45 \$1.75**

4-A-7531. Extra well made. Has 12-inch polished crucible oval steel tines. Extra quality bent hardwood handle, malleable "D" heads, hardwood grips. Capped and strapped ferrules. No. of tines. 4 5 6
Price, each. **\$1.30 \$1.70 \$1.90**

LONG HANDLE MANURE FORKS

4-A-7525. A strong, well made fork. 12-inch oval polished crucible steel tines. $4\frac{1}{2}$ -foot selected bent wood handle. Plain capped ferrule. No. of tines. 4 5 6
Price, each. **89c \$1.10 \$1.70**

"D" HANDLE MANURE FORKS

4-A-7529. Strongly made and well finished. Polished oval steel tines. Selected bent wood handle, malleable "D" heads, hardwood grips. Plain capped ferrules. No. of tines. 4 5 6
Price, each. **90c \$1.34 \$1.53**

Lawn Mowers

\$6⁷⁵
and
up



These **Light Running Lawn Mowers** are manufactured especially for us in one of the most modern lawn mower factories in this country. These machines embody all latest improvements. The simple construction and quick adjustment being special features of our lawn mowers.

The Eureka and Premier Mowers are **Ball Bearing** type and are guaranteed by us to be the equal of any lawn mower manufactured regardless of price.

Our Comet Mower is of the **Bronze Roller Bearing** type and second in quality only to our ball bearing mowers. Every lawn mower is guaranteed perfect in material and workmanship and will give lasting satisfaction.

Comet Lawn Mower

Wheels $8\frac{3}{4}$ inches. High grade brass bearings. Three blade, $5\frac{1}{2}$ inch cutting cylinder, continuous shearing. Well made, accurately adjusted.

Number	Blade, inches	Weight, pounds	Price, Each
4-A-7601	12	40	\$6.75
4-A-7603	14	42	7.15
4-A-7605	16	44	7.50

Premier Lawn Mower

Ball bearing. Drive wheels, 10 inches in diameter with extended rim. The ratchet is noiseless and positive in action. Four crucible steel blades, finely tempered. Easily adjusted.

Number	Blade, inches	Weight, pounds	Price, Each
4-A-7609	14	53	\$11.95
4-A-7611	16	56	12.50
4-A-7613	18	59	13.00
4-A-7615	20	62	13.80

Eureka Lawn Mower

A ball bearing, 9-inch wheel with extended rim, four fine tempered and ground crucible steel blades. Cutter bar is strong and ground to accurate edge. Cutter bar knife is adjustable.

Number	Blade, inches	Weight, pounds	Price, Each
4-A-7645	14	46	\$10.90
4-A-7646	16	48	11.25
4-A-7647	18	50	11.60

Hazel or Planter's Eye Hoe Handle

4-A-7523. Selected Hickory Handle, length, $5\frac{1}{2}$ ft. Price, each. **40c**



4-A-7517. Adze Eye Hazel Hoe. 6 inches wide, 10 inches long. Weight, about 3 pounds. Price. **97c**

4-A-7515. Adze Eye Grub hoe. 4-inch cut, weight, about $3\frac{1}{2}$ lbs. **59c**

4-A-7519. Planter's Eye Hoe. Solid forged steel. Weight, about $1\frac{1}{2}$ lbs. Size, inches. 7 $7\frac{1}{2}$ 8
Price, each. **45c 47c 51c**

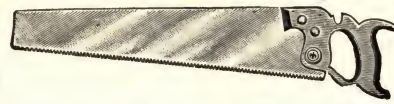
Mortar Hoe



4-A-7553. A strong, durable hoe. Made especially for mixing mortar and concrete. Has 6x10 inch forged steel blade, solid shank and socket. 6-foot selected hardwood handle. Price, each. **\$1.30**

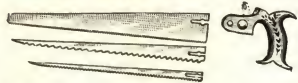
High Grade Hand Saws!

Saws furnished in either straight or skew back.



Nail Cutting Saw
4-A-4835. Will cut nails, pipes, bolts, soft sheet metal. Can be filed but does not require setting, being taper convex ground.
 Length of blade, 18 inches. Price... **\$2.45**

Jennings' Saw Kit



4-A-4837. Consists of one 14-inch nail cutting, one 14-inch compass blade, one 12-inch keyhole blade. Adjustable handle. Blades interchangeable. Price... **\$2.15**

Best Compass Saw



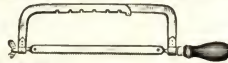
4-A-4815. Thin back evenly tempered. Full bevel, filed and set. Beechwood handle, two screws.
 Length, inches... 12 14 16
 Price... **45c 50c 60c**

Rigid Hack Saw Frame



4-A-4953. Heavy steel nickel plated frame, adjustable to take blade from 6 to 12 inches. Price, with one 10-inch blade... **\$1.75**

Nickel Plated Hack Saw Frame



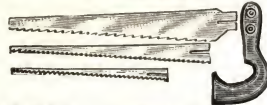
4-A-4935. Adjustable for blade at four angles, takes blades 8 to 12 inches. Price, each, complete with one 8-inch blade... **39c**

Hack Saw Blades



Fast cutting Hack Saw Blade, made of special high carbon steel, properly tempered and are guaranteed to give first-class satisfaction for cutting tool steel and other metals.
4-A-4937. Length, ins... 8 9 10 12
 Price, per dozen... **40c 45c 63c 75c**

Nest of Saws



4-A-4839. Consisting of one 14-inch panel saw, one 14-inch compass saw, one 12-inch keyhole saw. All interchangeable. Price... **\$1.05**

Common Compass Saw



4-A-4813. Made of good grade cast steel. Spring tempered, filed and set. Beechwood handles.
 Length, inches... 12 14
 Price... **20c 22c**

Miter Box Saws



4-A-4913. Made from high grade tool steel, hand filed, set ready for use, heavy back. Width of blade under back, 4 inches.
 Length, in... 22 24 28
 Price, each **\$2.85 \$3.05 \$3.45**

Steel Frame

Coping Saw

4-A-4817.

Nickel-plated

steel frame.

Depth of cut,

4 inches. Com-

plete with 13 6-inch tempered

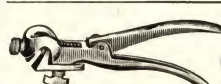
steel blades. Price...

20c

Handy Kit of Tools



4-A-4931. Consisting of keyhole saw and pad, chisel, screw driver, two wrenches, awl, bit handle.
 Per set... **9c**



Morrell's Saw Set

4-A-4919. Morrell's saw set for handle buck board and jig saw has hardened steel anvil plunger. Price... **60c**



Improved Anvil Saw Set

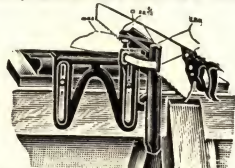
4-A-4921. The anvil and plunger are hardened. The spring is of tempered steel, polished nickel-plated finish; weight, 10 ounces.
 Price, each... **90c**



Revolving Saw Set

4-A-4923. Shows the required bevel and length of all saws ranging from 4 to 16 teeth to the inch. Figure on dial indicates number of teeth to the inch and always in sight. Price... **\$1.25**

Seavey Miter Box and Saw Guide



4-A-4911. Adjustable to cut square or at an angle of 22½, 30 and 45 degrees. Panel or hand saw may be used with this guide. Price, without saw... **\$2.80**



Saw Filing Guide and Vise

4-A-4949. The ball and socket which connect the clamp to the vise permit the clamp to be turned in either direction. Jaws are 10½ inches rubber faced, which hold the saw firmly. Price... **\$2.90**



Brass Saw Handle Screws

4-A-4841.

Each... 5c

4-A-4843.

Each... 7½c



Adjustable Saw Filing Guide



4-A-4947. Used for filing saws with any style bench vise, can always be used in connection with the regular saw vise, adjustable to file at any angle any bevel and exact depth. Japanese finish. Price, complete, with file... **\$1.75**

Perfection

Pattern

Miter Box

4-A-4909.

A strong,

serviceable,

saw guide can instantly be

set at angle 22½, 30 and 45 degrees.

Back saw, panel or hand saw can be

used. Weight, 9 pounds.

Price...

\$5.00

Beechwood Saw Handles

4-A-4819.

For hand

and rip saws.

Price, each...

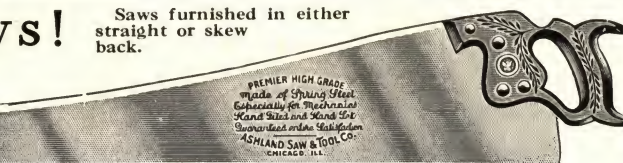
30c

4-A-4821.

For

panel saws. Each...

25c



The blades are of special refined spring steel, perfectly tempered, full taper ground, thin back. The teeth are full beveled, hand filed and hand set and will hold a fast cutting edge. The handles are correct in shape, giving the proper hang. 26 and 28 inch saws have five brass screws and the smaller sizes have four.

4-A-4823. Premier extra high grade

skew back, panel or hand saws.

Length Points to the inch Each

18 in. panel. 9, 10, 11 or 12... \$2.00

20 in. panel. 9, 10, 11 or 12... 2.10

22 in. panel. 9, 10, 11 or 12... 2.20

24 in. panel. 8, 9, 10 or 11... 2.30

26 in. hand. 7, 8, 9, 10 or 11... 2.40

28 in. hand. 6, 7 or 8... 2.75

4-A-4825. Skew back Premier extra

high grade rip saws.

Length Points to the inch Each

24 in. 5, 5½, 6 or 6½... \$2.30

26 in. 5, 5½ or 6... 2.45

28 in. 4, 4½, 5, 5½ or 6... 2.75

Premier Hand Saws

Premier Saws are hand made, hand smithed, hand blocked, hand filed and hand set. Every detail in the manufacture is perfect.

4-A-4801. Premier extra high grade

straight back, panel or hand saws.

Length Points to the inch Each

18 in. panel. 9, 10, 11 or 12... \$2.00

20 in. panel. 9, 10, 11 or 12... 2.10

22 in. panel. 9, 10, 11 or 12... 2.20

24 in. hand. 8, 9, 10 or 11... 2.30

26 in. hand. 7, 8, 9, 10 or 11... 2.45

28 in. hand. 6, 7 or 8... 2.75

4-A-4803. Premier extra high grade

straight back, rip saws.

Length Points to the inch Each

24 in. 5, 5½, 6 or 6½... \$2.30

26 in. 5, 5½ or 6... 2.45

28 in. 4, 4½, 5, 5½ or 6... 2.75

30 in. 4½ or 5... 3.00

"Chicago Special" Hand Saws

The best general purpose saw ever offered. Made of high grade crucible saw steel, smithed and blocked by hand. Full taper ground, thin back. Teeth are full beveled, hand filed and hand set.

4-A-4805. Chicago Special panel or

hand saws.

Length Points to the inch Each

18 in. panel. 9, 10, 11 or 12... \$1.80

20 in. panel. 9, 10, 11 or 12... 1.90

22 in. panel. 9, 10, 11 or 12... 2.00

24 in. hand. 8, 9, 10 or 11... 2.10

26 in. hand. 7, 8, 9, 10 or 11... 2.15

28 in. hand. 6, 7 or 8... 2.40

4-A-4807. Chicago Special rip saws.

Length Points to the inch Each

24 in. 5, 5½, 6 or 6½... \$2.10

26 in. 5, 5½ or 6... 2.15

28 in. 4, 4½, 5, 5½ or 6... 2.40

Favorite Hand Saws

Made of good grade saw steel, set sharpened and ready for use. Hardwood handle, brass screws.

4-A-4809. Favorite panel or hand

saws.

Length Points to the inch Each

22 in. panel. 10 or 12... \$1.20

24 in. hand. 8, 9 or 10... 1.30

26 in. hand. 8, 9 or 10... 1.40

4-A-4811. Favorite rip saws.

Length Points to the inch Each

22 in. 5½ or 6... \$1.40

28 in. 5, 5½ or 6... 1.60

C. E. Jennings & Co.'s No. 70½ Narrow

Blade Hand Saws

Ground thin on back and guaranteed to run without set.

4-A-4827. Jennings' No. 70½ panel

or hand saws.

Length Points to the inch Each

22 in. panel. 10, 11 or 12... \$3.35

24 in. hand. 8, 9 or 10... 3.45

26 in. hand. 7, 8, 9 or 10... 3.75

4-A-4829. Jennings' No. 70½ rip

saws.

Length Points to the inch Each

26 in. 5 or 6... \$3.75

28 in. 4½, 5, or 5½... 4.00

Genuine Henry Disston Hand Saws

Disston "D" 8 hand hammered Saws. The best known popular brand saw on the market. Spring steel patent ground and tempered. Skew back, applewood handle.

4-A-4831. 26 in. Hand saw... **\$5.70**

8, 9 or 10 points. Price...

4-A-4833. 28 in. Rip Saw... **\$6.00**

5 or 5½ points. Price...



Cross Cut

Saw Tool

4-A-4945. Cross cut saw filer jointer tooth gauge cutting block, a tool that keeps cross cut saws in perfect condition. Price, with file and directions... **38c**



Adjustable

Saw Vise

4-A-4925. For attachment to work bench this vise has a malleable iron screw clamp and lever and cam to hold it in position. Width of jaws, 9½ inches. Japanned finish. Weight, ½ pounds. Price... **\$1.00**



Saw Jointer

and Skate

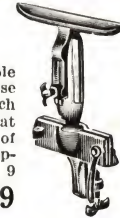
Sharpener

4-A-4917. Adjustable to any thickness, saw blade can be used with any file. Price, each... **50c**

Ball and Socket

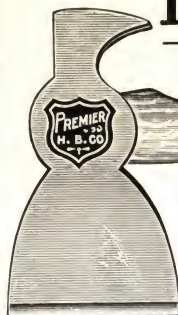
Saw Vise

4-A-4941. The reliable ball and socket saw vise is adjustable with bench clamp and can be set at any angle. Length of jaws, 9½ inches. Japanned finish. Weight, 9 pounds. Price, each... **\$1.59**



Dependable Tools

Strictly first quality, guaranteed to be perfect in material, workmanship and finish, and to give absolute satisfaction. Especially adapted for mechanics' use; forged from high grade steel, carefully tempered. Handles are selected white hickory, properly balanced and shaped.



4-A-5003. Premier claw Hatchet.

Size	Wt. of Bit, In.	Wt. Oz.	Price
2	3 3/4	25	\$1.55

4-A-5001. Premier Shingling Hatchets.

Size	1	2	3
Inch.	3 1/2	3 3/4	4 1/2
Wt.	17	23	29
Oz.	1.25	1.30	1.37

4-A-5007. Premier High Grade Lathing Hatchets.

No. In. wt. oz.	Size	12 1/4	14 1/2	15.25
Size	22 1/4	17	1.30	

4-A-5011. Premier Special Bell Poll Shingling Hatchet.

Size	.....1
Width of Bit	3 in.
Weight, not including handle	15 oz.
Price	\$2.35

4-A-5029. Forged from extra tool steel, properly tempered, full polished.

Size	2
Width of Bit	2 1/2 in.
Weight, not including handle	15 oz.
Price	\$1.50

4-A-5013. Premier Bell Poll Hatchet.

Size	2
Width of Bit	2 1/2 in.
Weight, not including handle	15 oz.
Price	\$1.50

4-A-5009. Premier Broad Hatchet.

No. In. wt. Price	2 1/4	1 3/4	1 1/2	1 1/4
Size	3 1/2	2 3/4	2 1/4	2 1/2
Weight	4 5/8	3 3/4	3 1/4	3 1/2
Price	\$1.75	\$1.50	\$1.25	\$1.00

Broadaxes

4-A-5127. Round corner Canada pattern Broadaxes.

Wt., lbs.	6	7	7 1/2	8
In.	10 1/4	11 1/4	12	12 1/4
Each	\$6.36	6.66	6.90	7.02

Carpenters' Adzes

4-A-5025. Forged from high grade steel. Has fine cutting edge, properly tempered. Handles not included.

Weight	Width	Cut
Lbs.	3 1/4	3 1/4
In.	3 1/2	4
Price	\$1.80	\$1.80

Cast Steel

4-A-5019. Strictly first class steel hammer. Will give good service. Nicely finished and fitted with selected hardwood handle. Weight, 16 oz.

Price37c
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Holding Hammer

4-A-5035. With groove on side to hold nails size 10 penny and smaller. Made of the highest crucible steel and properly tempered. Second growth hickory handles properly fitted and wedged to head. Fully guaranteed. Weight, 19 ounces, not including handles.

Price\$1.67
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Bell Face

4-A-5037. Made of high grade crucible steel, properly tempered, with second growth hickory handle, properly fitted and wedged to head. Every hammer fully guaranteed.

Weight	20 oz.	16 oz.	13 oz.	7 oz.
Price	\$1.15	\$1.10	\$1.05	\$1.00

Nail Hammer

4-A-5033. Forged from extra tool steel, carefully tempered. Octagon poll, full nickel plated finish. Carefully selected handles.

Wt., not including handle, lbs.	1 1/4	1 1/2
Price	\$1.60	\$1.55

Ever Ready Handled Axes

4-A-5115. Ever Ready axes are carefully forged, properly shaped and finished in a superior manner. Handles are hickory stained, properly fitted to axe. A better axe at a lower price than ever before offered. Each and every axe guaranteed.

Weight	3 lbs.	3 1/2 lbs.	4 lbs.	4 1/2 lbs.
Price	\$2.20	\$2.25	\$2.30	\$2.35

Single Bit Axes

4-A-5117. The best axe offered for all ordinary purposes. Forged from good grade of steel. Natural Michi-gan pattern.

Weight	3 lbs.	3 1/2 lbs.	4 lbs.	4 1/2 lbs.	5 lbs.
Price	\$1.68	\$1.74	\$1.80	\$1.86	\$1.92

Double Bit Axes

4-A-5117. Strictly hand forged and properly proportioned. Bits are double refined crucible steel. Natural Michi-gan pattern.

Weight	3 lbs.	3 1/2 lbs.	4 lbs.	4 1/2 lbs.	5 lbs.
Price	\$2.34	\$2.40	\$2.46	\$2.52	\$2.58

Woodchoppers' Wedges

4-A-5129. Regular pattern made from high grade steel, oil finished.

Wt., lbs.	4	5
Price	35c	43c

Malleable Iron Axe Wedge

4-A-5127. Made with a screw, which prevents handle from pulling out.

Price, each3c
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Truckers' Pattern Woodchoppers' Wedge

4-A-5131. Made of the highest grade crucible steel, oil finished.

Wt. Lbs.	4	6	8
Price	40c	57c	76c

Saw Wedges

4-A-5133. Tool steel, oil finished.

Wt., lbs.	1 1/4
Price	13c

Adjustable Plane Gauge

4-A-5279. For Planing Bevels of any angle or square joints, without use of a tri-square or bevel. Can be quickly attached or removed.

Price\$1.10
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Oregon Pattern Mails

4-A-5135. Wt. Lbs. Price

Wt. Lbs.	5	6	7	8
Price	\$0.77	\$0.92	\$1.07	\$1.23

Iron Block Planes

4-A-5273. Double End Iron Block Plane. With two slots and two seats for cutter. Length, 8 inches, 1 3/4 inch cutter.

Price\$1.20
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4-A-5313. Selected beechwood Fore Plane Handles.

Price, each18c
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4-A-5265. Iron Block Plane, 5 1/2 inches long, 1 1/2-inch cutter.

Price60c
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4-A-5267. Iron Block Plane, 7 inches long, 1 3/4-inch cutter.

Price84c
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Jack Plane

4-A-5260. The castings are made of special gray iron. The bottoms of the planes are smooth. The cutters are made of the highest grade steel. Fitted with an adjusting lever. Handles and knobs are genuine mahogany. Smooth bottom iron jack plane 14 inches long, 2-inch cutter.

Price\$3.00
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4-A-5311. Selected beechwood jack pine handles.

Price, each12c
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Iron Block Planes

4-A-5201. Adjustable Iron smooth plane, 9 inches long, 2-inch cutter.

Price\$2.50
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4-A-5277. Knuckle Joint Improved Throat Adjust- ment. 6 1/4 inches long, 1 1/2-inch cutter.

Price\$1.85
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4-A-5271. Adjustable Block Plane, 7 inches long, 1 1/4-inch cutter.

Price\$1.25
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Socket Corner Chisel

4-A-5617. Properly tempered; selected Hickory handles, with iron ring on end to prevent splitting.

Size, inches	3/4	1
Price, each	80c	86c

Plain Edge Chisel

4-A-5607. Made of special high grade steel, carefully tempered. Handles White Hickory, leather tips.

Size, inches	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Price, each	41c	42c	43c	45c	46c	51c	52c	56c

Beveled Edge Socket Framing Chisel

4-A-5609. Crucible Steel; tempered. Hickory handle with iron rings.

Inch.	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Each	60c	62c	65c	72c	1 1/4	1 1/2	1 3/4	2
Each	\$0.79	\$0.90	\$1.07	\$1.15				

High Grade Socket Butt Chisels

4-A-5655. Length of blade, about 3 1/4 inches. Leather tip; solid Hickory handle.

Length, in.	1	1 1/4	1 1/2	1 3/4	2
Price, each	55c	58c	60c	75c	80c

Coach Makers' Knives

4-A-5635. Narrow blade, made from crucible steel. Tangs will not pull out.

Size, Inches	8	10	12
Price, Each	\$1.40	1.65	1.90

Chisel Handles

4-A-5643. Selected hickory, with iron rings on end to prevent splitting.

Price, each5c
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High Grade Beveled Edge Leather Tip Socket Firmer Chisel

4-A-5601. Made of the best steel. Handles are of select White Hickory, leather tip.

Size, inches	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Price, each	45c	46c	47c	48c	50c	51c	57c	58c
Price, each	57c	58c	62c	65c	69c	86c		

Chisel Handles

4-A-5625. Selected hickory, 3 layers, best oak tan leather.

Price, each6c
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Drawing Knives

4-A-5651. Made from a high grade crucible steel, properly ground and tempered. Tangs will not pull out.

Length, in.	8	10	12
Price, each	\$1.20	\$1.30	\$1.60

Ball Bearing Ratchet Bit Brace

4-A-5331. Best ratchet brace. It has solid steel chucks. Hardened jaws. Will hold any size shank. 1 1/2 - inch steelsweep nickel-plated ball bearing head, polished cocobola head and handle, steel enclosed frame.

4-A-5333. Satisfactory brace. 1/4 inch cold drawn steel sweep, natural finish. Nicely polished head and handle.

Sweep	Price
8 inches.....	75c
10 inches.....	80c

Sweep, in inches 8 10
Price.....\$4.00 \$4.10
Sweep, in inches 12 14
Price.....\$4.20 \$4.30

Ship Auger Bits

4-A-5449. For boring hardwoods and end boring. Made of double refined steel, finely finished. Have 4 to 6 inch twists.

Size, inches.....	1/4	3/8	1/2	3/4	1
Price, each.....	30c	36c	45c	55c	1 1/4
Size, inches.....	1 1/4	1 3/4	2	2 1/2	3
Price, each.....	48c	50c	55c	57c	

Car Bits

4-A-5451. For boring heavy timbers. Length of twist, 12 inches.

Size, inches.....	1/4	3/8	1/2	3/4	1
Price, each.....	31c	33c	35c	37c	39c
Size, inches.....	1 1/4	1 3/4	2	2 1/2	3
Price, each.....	43c	55c	60c	65c	70c

Countershank Gauge Bit

4-A-5533. To regulate depth of cut. For wood only. High grade tool steel. Fully warranted.

Price.....**32c**

Goodell's Ratchet Screw Driver

4-A-5557. Blades, dogs made of a high grade tool steel. The ratchet teeth are deeply cut. Changes from right to left are made by simply turning the knurled ferrule. Length, blade, inches..... 4 5 6 8 10
Price, each..... 90c 97c \$1.00 \$1.10 \$1.25

Pratt's Ratchet Drill

4-A-5341. Used as an auger handle in horizontal position. For use in close places. One handle can be removed and placed at right angles. Can also be used as a ratchet drill. Price, each.....**\$3.25**

Indestructible Square Shank Screwdriver

4-A-5543. Squareshank for use with wrench. Blade, shank and head are forged from a solid piece of high grade tool steel. Handles hardwood. Length of blade, inches... 3 4 6 8 10
Size, sq. shank, inches... 1/4 1/2 3/4 1 1 1/4
Price, each..... 21c 27c 37c 49c 61c

4-A-5553. Fitting Automatic Screwdriver, No. 4-A-5549. Price, for chuck and eight drill points.....**85c**

4-A-5555. Fitting Reversible Screwdriver, No. 4-A-5551. Price, for chuck and eight drill points.....**85c**

Square Reamer Bits

4-A-5537. Cast steel, properly tempered and ground. Price.....**22c**

Goodell's Automatic Interchangeable Screwdriver

4-A-5549. Can be used as a spiral ratchet or plain screwdriver. Furnished with three forged steel bits. Hardwood handle. Length extended 14 inches. Length, closed 7 1/2 inches. Price.....**\$1.60**

Goodell's Reversible Interchangeable Screwdriver

4-A-5551. With two distinct spirals. Hardwood handle, furnished with three forged steel bits: length extended, 16 1/2 inches; length closed, 9 inches. Price.....**\$2.25**

Jennings' Extension Lip Bits

4-A-5433. Jennings' Solid Center Extension Lip Auger Bits. Solid Center Auger Bits. Hand forged from double refined crucible steel, full length of twist.

Size, inches.....	1/4	3/8	1/2	3/4	1
Price, each.....	47c	49c	50c	52c	55c
Size, inches.....	1 1/4	1 3/4	2	2 1/2	3
Price, each.....	60c	67c	70c	78c	80c

4-A-5425. Best Jennings' Pattern Extension Lip Auger Bit. Properly tempered, full length of twist. Lips are carefully forged and sharpened.

Size, inches.....	1/4	3/8	1/2	3/4	1
Price, each.....	39c	41c	42c	45c	47c
Size, inches.....	1 1/4	1 3/4	2	2 1/2	3
Price, each.....	55c	57c	64c	65c	72c

4-A-5441. For rapid and easy boring in the toughest hardwoods. Tempered and finished in the finest manner.

Size, inches.....	1/4	3/8	1/2	3/4	1
Price, each.....	49c	51c	52c	54c	56c
Size, inches.....	1 1/4	1 3/4	2	2 1/2	3
Price, each.....	62c	69c	72c	80c	82c

Ratchet Brace

4-A-5337. Ball bearing dust-proof head. Machine made thruout. Cold drawn steel sweep. All metal parts highly polished and heavily nickel plated and nicely finished thruout. Cocobola head and handle with improved metal capped head. Forged alligator spring jaws. Will take square or round shank drills.

Sweep, inches..... 8 10 12
Price.....\$3.75 \$3.80 \$3.95

Clark's Expansion Bits

4-A-5509. Small size Clark's Pattern Expansion Bit. With two cutters, one boring from 1/2 to 3/8 in., the other from 3/8 to 1 1/2 in. Price.....**\$1.35**

4-A-5511. Large size Clark's Pattern Expansion Bit. With two cutters, one boring from 3/8 to 1 1/4 in., the other from 1 1/4 to 3 ins. Price.....**\$1.95**

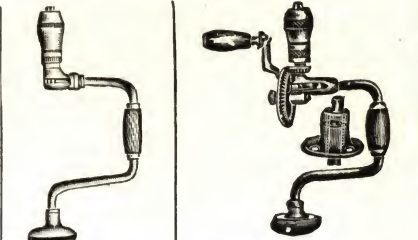
Brace and Bit Set

4-A-5343. A first class outfit that will answer all general requirements for form, shop and mechanics' use, consisting of one 10 inch nickel-plated ratchet brace with alligator jaws; 8 Jennings' pattern extension lip auger bits, sizes 1/4 to 1 inch; 3 bit stock drills, 3 German pattern gimlet bits; 1 screw driver bit; 1 countersink and 1 square reamer. Put up in a neat hardwood box. Price, per set.....**\$9.95**

Champion Screw Driver

4-A-5545. Blades are forged from the highest grade steel, properly tempered and fastened securely in handle. Selected hardwood handle, cherry finish.

Length of blade, inches.....	3	4	5	6	8	10
Price, each.....	27c	28c	30c	35c	45c	56c



4-A-5329. Ratchet brace. Metal clad head, cold drawn steel sweep. Ebonized hardwood head and handle. Nickel plated.

Sweep..... Price
10 inches.....\$2.85
12 inches.....2.95

4-A-5315. Ball bearing head and forged steel jaws. Will hold straight, round shank drills. By removing the hand drill attachment you have a fine ball bearing ratchet brace 10 in. sweep. Nickel plated. Price.....**\$6.25**

Common Auger Bits

4-A-5401. Spur Standard.

Size, inches.....	1/4	3/8	1/2	3/4	1
Price, each.....	27c	28c	29c	30c	
Size, inches.....	1 1/4	1 3/4	2	2 1/2	3
Price, each.....	31c	36c	37c	38c	1
Size, inches.....	3 1/2	4	4 1/2	5	5 1/2
Price, each.....	40c	44c	45c	50c	53c

Countershank & Dowel Pointer

4-A-5523. Reversible head. Can be used for sharpening pins or dowels. Cutter made of high grade tool steel. Price, each.....**15c**

4-A-5541. The only screw driver that can be used as a hammer, to force point of screw into the wood. The blade, bolster handle, flattened hammer head are drop forged from one piece of steel.

Length of blade, inches..... 4 6 8 10
Price, each..... 29c 40c 54c 68c

Hand Drill

4-A-5457. Strong Malleable frame. Steel spindle, cut gears and hollow cut cocobola handle containing 8 drill points, 1/4 to 1 1/4 inch. A strong, durable tool, nicely finished. Length 10 1/2 inches. Price, including 8 drill bits.....**\$2.85**

Breast Drill

4-A-5333. Ball bearing with level attachment. 6 inch drive wheel. Drills from 1/2 to 1 1/2 inch. Price.....**\$5.75**

Ball Bearing Breast Drill

4-A-5317. Malleable frame changeable gear from even to speeded about 3 to 1 with level attachments. Drill bits up to 3 inches. Price.....**\$4.50**

Plane Irons

Made of high grade steel. All double irons have steel caps.

4-A-5301. All iron and wood bottom planes. Single Irons.

Width, in inches.....	2	2 1/2	2 3/4	2 1/2
Price.....	25c	27c	32c	35c

Screw Driver Bits

4-A-5525. High grade tempered crucible steel. Size..... 2 2 1/2 3 3 1/2 4 4 1/2 5 5 1/2 6 6 1/2 7 7 1/2 8 8 1/2 9 9 1/2 10 10 1/2 11 11 1/2 12 12 1/2 13 13 1/2 14 14 1/2 15 15 1/2 16 16 1/2 17 17 1/2 18 18 1/2 19 19 1/2 20 20 1/2 21 21 1/2 22 22 1/2 23 23 1/2 24 24 1/2 25 25 1/2 26 26 1/2 27 27 1/2 28 28 1/2 29 29 1/2 30 30 1/2 31 31 1/2 32 32 1/2 33 33 1/2 34 34 1/2 35 35 1/2 36 36 1/2 37 37 1/2 38 38 1/2 39 39 1/2 40 40 1/2 41 41 1/2 42 42 1/2 43 43 1/2 44 44 1/2 45 45 1/2 46 46 1/2 47 47 1/2 48 48 1/2 49 49 1/2 50 50 1/2 51 51 1/2 52 52 1/2 53 53 1/2 54 54 1/2 55 55 1/2 56 56 1/2 57 57 1/2 58 58 1/2 59 59 1/2 60 60 1/2 61 61 1/2 62 62 1/2 63 63 1/2 64 64 1/2 65 65 1/2 66 66 1/2 67 67 1/2 68 68 1/2 69 69 1/2 70 70 1/2 71 71 1/2 72 72 1/2 73 73 1/2 74 74 1/2 75 75 1/2 76 76 1/2 77 77 1/2 78 78 1/2 79 79 1/2 80 80 1/2 81 81 1/2 82 82 1/2 83 83 1/2 84 84 1/2 85 85 1/2 86 86 1/2 87 87 1/2 88 88 1/2 89 89 1/2 90 90 1/2 91 91 1/2 92 92 1/2 93 93 1/2 94 94 1/2 95 95 1/2 96 96 1/2 97 97 1/2 98 98 1/2 99 99 1/2 100 100 1/2 101 101 1/2 102 102 1/2 103 103 1/2 104 104 1/2 105 105 1/2 106 106 1/2 107 107 1/2 108 108 1/2 109 109 1/2 110 110 1/2 111 111 1/2 112 112 1/2 113 113 1/2 114 114 1/2 115 115 1/2 116 116 1/2 117 117 1/2 118 118 1/2 119 119 1/2 120 120 1/2 121 121 1/2 122 122 1/2 123 123 1/2 124 124 1/2 125 125 1/2 126 126 1/2 127 127 1/2 128 128 1/2 129 129 1/2 130 130 1/2 131 131 1/2 132 132 1/2 133 133 1/2 134 134 1/2 135 135 1/2 136 136 1/2 137 137 1/2 138 138 1/2 139 139 1/2 140 140 1/2 141 141 1/2 142 142 1/2 143 143 1/2 144 144 1/2 145 145 1/2 146 146 1/2 147 147 1/2 148 148 1/2 149 149 1/2 150 150 1/2 151 151 1/2 152 152 1/2 153 153 1/2 154 154 1/2 155 155 1/2 156 156 1/2 157 157 1/2 158 158 1/2 159 159 1/2 160 160 1/2 161 161 1/2 162 162 1/2 163 163 1/2 164 164 1/2 165 165 1/2 166 166 1/2 167 167 1/2 168 168 1/2 169 169 1/2 170 170 1/2 171 171 1/2 172 172 1/2 173 173 1/2 174 174 1/2 175 175 1/2 176 176 1/2 177 177 1/2 178 178 1/2 179 179 1/2 180 180 1/2 181 181 1/2 182 182 1/2 183 183 1/2 184 184 1/2 185 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602 602 1/2 603 603 1/2 604 604 1/2 605 605 1/2 606

Carpenters' Squares

4-A-5703. No. 100-C. Copper finished steel square, heavily copper plated, practically rust-proof; hardened steel corners, figures and graduations are white enamel and stand out clear and distinct. Size of body, 24x2 inches; size of tongue, 16x1½ inches; face marked 1-16, ¼ and ½ inch spaces; back marked 1-100, 1-32, 1-2, 1-10 and 1-4 inch spaces. Has Essex board measure, eight square and brace measure, fully warranted. Price..... **\$2.50**

Nicholls Take-Down Square

Nicholls take-down square. What every mechanic has long desired. Occupies space 4x24 inches and is absolutely accurate and thoroughly practical. Tongue and groove is accurately milled to fit tight and make a perfectly true joint. Has no bolts or screws to become loose or lost. The spring takes up any wear. Long bearings in grooves combined with the square shoulders insure an accurate fit. Size of body, 24x2 inches. Size of tongue, 16x1½ inches. Face marked 1-16 and 1-4 inch spaces; back marked 1-12 and 1-4 inch spaces. Has Essex board measure and graduations are deep and plainly marked. Fully warranted.

4-A-5725. Blued finish with canvas case. Price..... **\$4.20**

4-A-5727. Polished finish with canvas case. Price..... **\$3.50**

Oxidized Copper Finish Squares

4-A-5701. No. 100 R. O. C. Oxidized copper finished square. The graduations and figures are white enamel. Rust-resisting finish. Has hardened corners. Body, 24x2 inches; size of tongue, 16x1½ inches. 1-16, 1-8 and 1-4 spaces; on back, 1-32, 1-12 and 1-10 spaces. Has brace measure eight square, 1-100 scale and rafter table. Price..... **\$2.75**

3 Foot 4 Folds

4-A-5815. Arched joints, middle plates. Spaced 8ths and 16ths..... **50c**

Zig Zag Folding Rules

4-A-5821. Spring joints, yellow bluish, metal tips.

Length, feet..... 3 4 5 6
Price..... **20c 27c 33c 45c**

Double-End Wrenches Semi-Finish

4-A-6815.

Size No.	Size Bolts of U. S. Stand. Nut	Extreme Length	Price, Each
23	¾ to ¾	4	\$0.13
25	¾ to ¾	4 ¼	.20
26	¾ to ¾	5	.21
27	¾ to ¾	5 ½	.24
29	¾ to ¾	6	.28
30	¾ to ¾	7 ¼	.33
31	¾ to ¾	7 ¾	.38
34	¾ to ¾	9	.43
37	¾ to ¾	11 ¾	.55
38	¾ to ¾	13 ½	.65
39	¾ to ¾	13 ¾	.75
40	¾ to 1	15 ½	.90
41	¾ to 1	15 ¾	1.00

"S" Wrenches

Stand. Nut Size Bolt	Size of Opening	Extreme Length	Price, Each
¾ and ¾	¾ and ¾	6 ¼	30c
¾ and ¾	¾ and ¾	7 ¼	36c
¾ and ¾	¾ and ¾	8 ¼	45c
¾ and ¾	¾ and ¾	9 ¼	60c
¾ and ¾	¾ and 1	10 ¾	84c

4-A-6819. Price, per set of five wrenches..... **\$2.50**

Tubular Rivets

4-A-6151. Put up in one size only, 100 in a package. Price, per box:

¾ inch.....	20c	¾ inch.....	31c
¾ inch.....	23c	¾ inch.....	33c
¾ inch.....	25c	¾ inch.....	35c
¾ inch.....	27c	¾ inch.....	39c
¾ inch.....	29c	¾ inch.....	39c

Metal Try Squares

4-A-5743. A first class tool at a moderate price. Steel blade, graduations accurately marked. Nickel-plated iron handles, fully warranted. Size represents length of blade.

Size, inches 6	8	10	12
Price, each	50c	56c	75c 90c

Combined Try and Miter Square

4-A-5741. Brass lined rosewood handle, steel blade. Graduations plainly and accurately marked. Size represents length of blade.

Size, inches 4 ½	6	7 ½	9
Price, each	32c	52c	69c 75c

Plumb and Level

4-A-5715. Brass arch top plate, two side views, proved glasses. Fully warranted. Lengths, 26, 28 and 30 inches. State length wanted. Price..... **\$1.05**

Level Sights

4-A-5757. Can be readily attached to any wood level with which the user has accurate means of leveling from one given point to another at a long distance.

Price, per pair.....	85c
4-A-5758. Level sights for iron levels. Price, per pair.....	75c

Sliding "T" Bevels

4-A-5745. Brass tipped, solid rosewood handle. For right or left hand use.

Length, inches.....	6	8	10	12
Price, each.....	30c	45c	48c	55c

Pocket Level

4-A-5737. Can be readily attached to steel square or straight edge. Iron body, brass top plate, proved glasses. Warranted true. Price..... **15c**

Extension Sight and Plumb Level

4-A-5731. When not in use the sights are depressed flush with the surface of the level and raised into position by merely pressing the button. Heavy brass ends. Length, 28 inches. Price..... **\$3.10**

Steel Measuring Tape

4-A-5835. Will not stretch. Hard leather case, securely stitched. Handle folds flush with case. Marked in feet, inches and 8ths of inches.

Length, feet.....	50	100
Price, each.....	\$5.00	\$8.50

Six-Inch Two-Fold Caliper Rule

4-A-5819. Square joint. Spaced 8ths, 10ths, 12ths and 16ths. Width, ¾ inch. Price..... **29c**

Two-Foot Four-Fold Boxwood Rule

4-A-5801. Round Joint and Middle Plates. Spaced 8ths and 16ths. Price..... **18c**

One-Foot Four-Fold Rule

4-A-5817. Caliper Rule. Has arch joint, full brass bound. Spaced 8ths, 10ths, 12ths and 16ths. Price..... **60c**

Goodell's Hand Drill

4-A-5853. Handle and Chuck Knurled. Nickel plated. Drill points in separate hollow handle. Drill points cannot be pulled out. Price includes 8 drill points 1-16 to 11-64th inch. Length, 10 ½ inches. Price..... **\$1.95**

Bench Screw

4-A-5847. Lathe cut threads, movable collars, hardwood handles.

Diam., ins.....	1	1 ½	1 ¾
Length, ins.....	16	17	19
Price, each.....	80c	95c	\$1.00 \$1.50

4-A-5869. Cabinet Makers' Clamp Attachment. Will fit wood bar 1 ½ x 2 ½ inches. Fitted with ¾ inch screw and crank handle. Price, with-out bar, each..... **\$1.05**

Eccentric Clamps

4-A-5859. Heavy steel bar. Inches..... 12 18 24 36 48
Price..... **\$1.26 \$1.58 \$1.80 \$2.25 \$2.70**

Goodell's Automatic Hand Drill

4-A-5861. Nickel plated. Length, 10 inches; drill points, from ¼ to 1 ¼ inch. Price..... **\$1.60**

4-A-5867. Has heavy "T" shaped steel bar. Size, 1 ½ by ¾ inches. Opens, feet..... 2 ½ 3 4 5
Price, pair..... **\$3.90 \$4.00 \$4.40 \$5.00**

Drop Forged Pliers	Gas Pliers	4-A-6119	4-A-6129	4-A-6111	4-A-6103	4-A-6109	
4-A-6137	4-A-6113	Utility Wire Cutting Pliers, made of good quality steel and nicely finished. Price, 5 ½ inches..... 12c	Flat Nose Pliers, forged from crucible steel, nicely finished. Price, 4 inches..... 8c	A standard Button Plier, drop forged. Has 2 cutters. 6 inches..... 54c 8 inches..... 68c	Combination Fencing Pliers; combines all tools—hammer, staple puller, wire pliers. Price: 10 ins..... \$1.25	Combination Pliers, wire cutter, screw driver and wrench. Nickel plated. 6 ½ ins..... 25c	

Nail Puller

4-A-6125. This nail puller has forged tempered steel jaws, hardened and oil tempered. A splendid tool. Gets the nails out so that they can be used again.

Price, each..... **90c**

8 Tools in 1

4-A-6101. 8 tools in 1. Staple Puller, Wire Cutter, Hammer, Pinners, Wire Trier, Wire Stretcher, Pipe Grip. Length, 10 inches. Price..... **\$1.30**

Combination Punch and Riveter

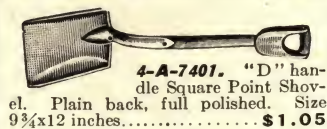
4-A-6141. Punches or rivets on the downward stroke. A good substantial tool, made of the toughest grade iron, tempered steel punches, adjustable rivet set for tubular or split rivets, with hand finish or polished handle. Price, Each..... **\$1.05**

Drop Forged Grip Wrench

4-A-6835. Made of tool steel. Will grip any surface from ¼ to 1 inch in diameter. Has 3 dies in center. Will rethread bolts, sizes ¼, ½ and ¾. Price, each..... **60c**

Handy Lever Riveter

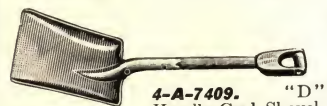
4-A-6147. For tubular rivets only. The screw is on the lever; pull down the lever—the hole is punched and the rivet is clinched. Both done in one operation. Price, each..... **50c**



4-A-7401. "D" handle Square Point Shovel. Plain back, full polished. Size 9½x12 inches..... **\$1.05**



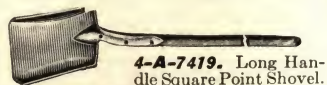
4-A-7405. "D" Handle Square Point Spade. Plain back, full polished. Size, 7½x12 inches..... **\$1.05**



4-A-7409. "D" Handle Coal Shovel. Hollow back. Natural Forged Finish. Size, ins. 13½x14 14½x14½ 14½x15½ Price... **\$1.20 \$1.25 \$1.30**



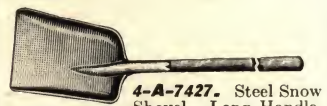
4-A-7413. Ditching or Tiling Spade. Specially adapted for mucky and sticky soil. Fully warranted. Size, 6x18 inches..... **\$3.45**



4-A-7419. Long Handle Square Point Shovel. Plain back, full polished. Size, 9½x12 inches..... **\$1.05**



4-A-7423. Long Handle Square Point Spade. Plain back, full polished. Size, 7½x12 inches..... **\$1.05**



4-A-7427. Steel Snow Shovel. Long Handle. Light, strong and durable. Makes an excellent general purpose shovel. Superior quality. Fully warranted..... **80c**



4-A-7433. Spading Fork. For handling and screening dirt from potatoes, heavy beets and other vegetables. Special crucible steel tines. Plain Ferrules..... **95c**



4-A-7437. Square Point Shovel. Best crucible steel, solid socket, full polished blade, 9½x12 inches..... **\$2.50**



4-A-7441. Long Handle. Round Point. Best crucible steel, solid socket, full polished blade, 9½x12 inches.. **\$2.50**



4-A-7417. Cast iron Post Mauls. Full weight, width 3-foot, hickory handles. Weight, lbs.. 10 13 16 18 20 Price..... **60c 78c 96c \$1.08 \$1.20**



Eureka Post-Hole Diggers

4-A-7445. Nothing better of its kind made. 9-inch cast steel blade, properly tempered, malleable iron shank, selected split, hardwood handles. Length, 5 feet, weight, about 9 lbs..... **\$1.45**



Invincible Post-Hole Digger

4-A-7447. Blade and shanks are drop forged from one solid piece of steel. Length of blade, 9 inches. Fitted with selected hardwood handles. Length, 5 feet. Weight, about 9½ lbs. **\$1.40**

Extra Broad Leather Handle Trowels

4-A-6221 Hammered from solid bar crucible cast steel, carefully tempered and properly ground. 11-inch size is about 6 inches wide; other sizes in proportion. Size, inches.. 10 10½ 11 Price, each.. **\$1.40 \$1.47 \$1.50**



Philadelphia Standard Trowel

4-A-6219 Made of high grade steel, well finished, properly shaped and fully guaranteed. Size, inches.. 10 10½ 11 Price, each..... **77c 80c 83c**



Cincinnati Plastering Trowel

4-A-6261 Guaranteed to suit the most critical workman. Hammered from a solid bar highest crucible steel, tempered tough and hard. Accurately ground. Size, inches.. 10½ 11 12 Price, each.. **\$1.31 \$1.37 \$1.47**



Brick Hammer

4-A-6257 Forged from high grade tool steel, tempered and properly balanced. Guaranteed to be strictly first class. Wt. of hammer, 2 lbs. Fitted with 12-inch selected handle. Price..... **\$1.20**



Spaulding Hammers

Solid cast steel. Polished faces. Handles not included. Either single or double face, same price. **4-A-6213.** Single Face. Weight, 4 lbs. Each..... **\$0.68** Weight, 5 lbs. Each..... **.70** Weight, 6 lbs. Each..... **.78** **4-A-6215.** Double Face. Weight, 7 lbs. Each..... **.98** Weight, 10 lbs. Each..... **1.30**

Philadelphia Pattern Trowel

4-A-6223 Hammered from solid bar crucible steel, properly tempered tapering from heel to point. Ground smooth. Best trowel of its kind made. Size, inches 10 10½ 11 Price, each.. **\$1.05 \$1.10 \$1.15**



Pointing Trowel

4-A-6259 Hammered from a solid bar best quality cast steel. Properly tempered and accurately ground. Size, inches..... 4 5 6 Price, each..... **32c 34c 37c**

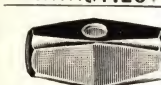
Standard Plastering Trowel

4-A-6263 High grade crucible steel. Properly tempered and nicely finished. Fully guaranteed. Size, inches..... 10 10½ 11 Price, each..... **70c 75c 80c**



Brick Chisel

4-A-6255. Solid cast steel. ¾-inch octagon handle, 4-inch blade. Price..... **70c**



Striking or Drilling Hammer

4-A-6217. Solid cast steel. Polished faces. Handles not included. Weight Each **4-A-6251.** Solid cast steel. Polished faces. Handles not included. Weight Each



Stone Sledges

Weight Each **4-A-6253.** Finest tool steel, properly tempered. Bronzed finish, polished edge and face. Handle not included. Wt. 3½ lbs. Each **\$0.78** Wt. 4 lbs. Each **.90** Wt. 4½ lbs. Each **1.00**



Masons' Hammers

Wt. 5 lbs. Each **.58** Wt. 6 lbs. Each **.69** Wt. 8 lbs. Each **.92** Wt. 9 lbs. Each **1.04**



Wrecking Bars

Drop forged, ¾ inch octagon steel, claw on one end and wedge points on other. Length 30 inches, shipping weight, 5 lbs. **4-A-2560.** Price, each..... **30c** **4-A-2561.** 24x¾ inches. Price..... **25c** **4-A-2562.** 12x½ inch. Price..... **12c**

4-A-7453.

Iwan's Post-hole Auger. Works easy and more rapidly than any auger made. Lengths, from 4 to 6 feet, depending on diameter of auger.

Size inches Price each **4-A-6040.** Socket Scratch Awl. Tool steel, polished beech handle. Price.. **12c**



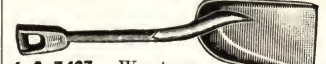
4-A-7461. Railroad picks, cast steel, nicely finished. Weight, 5 to 6 lbs..... **67c**



4-A-7467. Drift pick cast steel. Wt. lbs.. 4 4½ 5 Price..... **63c 68c 73c**

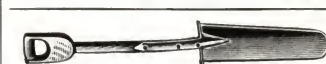


4-A-7403. Round Point Shovel. Full polished. Size 9½x12 inches..... **\$1.05**



4-A-7407. Western Pattern Grain Scoop. Hollow back. Full polished. Price Length Each

No.	Ins.	Price
6	16½	\$1.46
7	17	1.50
8	17½	1.55
9	18	1.60
10	19	1.65



4-A-7411. Drain Spade. Strongly made to stand rough usage. Length, 18 inch. Full polished. Price.. **\$1.60**



Superior quality. **4-A-7415.** 10 tines, 16½ inches long, 14½ inches wide. Price..... **\$2.20** **4-A-7416.** 12 tines, 17½ inches long, 17½ inches wide. Price..... **\$2.60**



4-A-7421. Long Handle, Round Point Shovel. Plain back, full polished. Size, 9½x12 inches..... **\$1.05**



4-A-7425. Furnace Scoop. Hollow back, black finish. Size, 9x14 inches... **80c**



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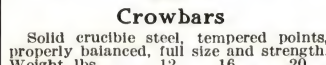
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